

A  
DIRECTORY  
of  
ILLINOIS  
  
SYSTEMATISTS  
and  
ECOLOGISTS

Kenneth R. Robertson  
Philip J. Burton  
Bill N. McKnight



Illinois Natural History Survey  
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# A DIRECTORY OF ILLINOIS SYSTEMATISTS AND ECOLOGISTS

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## Table of Contents

	Page
Table of Contents . . . . .	i
Acknowledgements . . . . .	ii
1. Introduction . . . . .	1
2. The Questionnaire . . . . .	1
3. Summary of Responses . . . . .	2
3.1 Background Information . . . . .	2
3.2 Areas of Expertise . . . . .	5
4. The Directory . . . . .	9
4.1 Key to Numerical Codes . . . . .	9
4.2 Alphabetical Listing . . . . .	10
5. Index . . . . .	83
5.1 Categorical Response Index . . . . .	83
5.1.1 Organisms Worked With . . . . .	83
5.1.2 Systematic Techniques Used . . . . .	84
5.1.3 Ecological Interests . . . . .	84
5.2 Free-Format Response Index . . . . .	88
5.2.1 Geographic Areas . . . . .	88
5.2.2 Taxonomic Expertise . . . . .	90
5.2.3 Ecological Expertise . . . . .	94
6. Appendix I: Revised Questionnaire . . . . .	99

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This paper is printed by authority of the State of Illinois and is a contribution from the Botany and Plant Pathology Section of the Illinois Natural History Survey. Dr. Kenneth R. Robertson is a Botanist; Philip J. Burton and Bill N. McKnight are Research Biologists.

## 1. Introduction

Illinois is fortunate in having a large number of biological systematists and ecologists affiliated with universities, colleges, museums, botanical and zoological gardens, private companies and government agencies. The purpose of this directory is to provide a centralized list of the systematists and ecologists living or doing research in Illinois. While a number of professional societies have membership lists, there has been no single source that gives the addresses, phone numbers and areas of expertise for this group of scientists in Illinois.

Systematists study the classification and evolutionary relationships of organisms, while ecologists study the interactions of organisms with their biotic and abiotic environments. Systematists and ecologists generally share common interests in the evolutionary history of organisms and in the conservation of their present populations. In addition, both groups of scientists include field biologists well versed in the taxonomic identification of organisms and the estimation of population sizes and habitat requirements. Because of rising environmental concerns, the practical skills of this group of researchers are in high demand for use in environmental impact assessment, natural areas inventory and management, agricultural and forestry management, and for public education.

We envision two principal users of this directory. Scientists and administrators should find this list useful as an address book of colleagues, while others are expected to use it as a resource book to locate systematists and ecologists with specific areas of expertise. In this manner, it is hoped that the directory will facilitate communication among Illinois biologists, and that corporations, agencies or individuals in need of specific systematic or ecological expertise will be more readily able to obtain it. Additionally, it provides a cross-sectional description (summarized in Section 3) of the affiliations, commitments, interests and skills of this group of scientists.

This directory is a summary of the responses returned from a mail questionnaire. Responses can be considered current to about mid-1984. The directory is not a complete list of all systematists and ecologists in the state; qualified scientists not currently listed are urged to return the questionnaire at the end of this publication for inclusion in future additions. We cannot vouch for the accuracy of responses, as we have attempted to transcribe them simply as written, with a minimum of editing (although some standardization of terminology was done in preparing the indices).

Research scientists, environmental biologists and the general public are encouraged to make use of this directory to help identify professional biologists with specific areas of expertise. Please note that there is no obligation on the part of individuals listed in this directory to cooperate with any or all requests for assistance. The first step in identifying individuals with specific interests is to search one or more of the geographic, taxonomic or ecological subject indices in Section 5. The indices give the record numbers of all individuals who cited the specified subject; the names, addresses and additional information regarding these individuals are provided in the alphabetical listing making up the body of this directory (Section 4.2).

## 2. The Questionnaire

A three-page questionnaire form was devised to collect biographical data and information on fields of expertise. In addition to standard information (name, position title, address and phone number), the questionnaire also asked how long the respondent had been at his/her organization, and (if this was three years or less) what his/her previous affiliation had been. Also requested was a list of the respondent's college degrees, with years and institutions. Graduate students were asked to indicate the degree currently being pursued, and their expected year of completion. Respondents were also asked what percentage of their time was devoted to research, teaching, administration, service and other activities. Finally, the professional status of respondents was tabulated by asking them to check off one of the following categories as most appropriate: (1) practicing professional; (2) inactive, retired; (3) retired but still active in research; (4) amateur; and (5) inactive in research due to administrative or teaching duties. The above information composed the biographical segment of the database.

Professional interests and areas of expertise were determined by having respondents check off up to 30 out of 66 specific areas of interest, and answer three free-format questions. Specific check-off categories were composed of the following:

- (1) Groups of organisms worked with (7 plant options, 11 animal options, plus "other")
- (2) Systematic techniques utilized (13 options, plus "other")
- (3) Ecological systems of interest (terrestrial, aquatic)
- (4) Habitat status types of interest (natural, disturbed, artificial, managed)
- (5) Ecological levels of interest (population, community, ecosystem)
- (6) Approach to research (basic, applied)
- (7) Ecological processes or activities of interest (20 options, plus "other").

Since the instructions read, "Please check the items below that apply to your ecological research or interests," some responses must be assumed to indicate general interests rather than specific areas of actual research expertise. A full list of all 66 option categories is included as Section 5.1. Free-format responses were solicited to the following queries:

- (1) "Please list any specific counties or regions of the state in which your research is concentrated; also list other states, counties, or geographical areas in which you do research or field work."
- (2) "What specific orders, families, genera, or other taxa are your specialty?"
- (3) "In what specific areas of ecology do you have expertise?"

Finally, respondents were asked to include a list of their publications, if possible. This combined information formed the expertise segment of the database.

Questionnaire forms were mailed to approximately 850 prospective respondents in early January, 1984. The mailing list was derived primarily from Illinois addresses on the membership lists of a number of professional societies. Forms were also sent to the heads or chairmen of college and university biology departments, museums, and appropriate government agencies in the state. The general criteria for inclusion in the directory were that the respondent should be a systematist or ecologist residing in Illinois or doing research in Illinois. Since it is certain that a number of individuals were omitted, and that some information is no longer correct, a revised questionnaire form is included as Appendix I for additions and updates. It is hoped that revisions to the directory will be published every second year.

As the questionnaires were returned, responses were entered into a relational database on the PRIME computer located at the Illinois Natural History Survey. Files were sorted alphabetically by name, and selected items were printed to produce the alphabetical directory listing that comprises the bulk (Section 4.2) of this publication. Responses to the 66 interest categories and to the three free-format questions were scanned to produce the categorical, geographic, taxonomic and ecological indices that comprise Section 5. The database (as updated to 1 December 1984) was also queried and cross-tabulated to summarize some of the responses, as described below.

### 3. Summary of Responses

#### 3.1 Background Information

A total of 430 completed questionnaire forms were returned to the Illinois Natural History Survey by 1 December 1984. This represents a 51% response rate. An additional 41 forms were returned by the postal service as undeliverable. Almost all respondents (96.5%) listed Illinois as their address. Within the state, Champaign-Urbana and Chicago have the largest number of respondents (Table 1).

The institutional affiliations of respondents were tabulated by searching for key words in the first line of the address given. Half of the respondents (49.1%) are affiliated with colleges and universities (Table 2). The remainder are approximately evenly distributed among the Illinois Natural History Survey (14.2%), other state, federal and municipal agencies (14.0%), museums, arboreta, parks, gardens and zoos (11.6%), and others (11.1%).

**Table 1.** Principal Cities Within Illinois Listed as the Address of Responding Systematists and Ecologists

City	Number of Respondents	Percent of Illinois Respondents
Champaign-Urbana	111	26.7
Chicago	79	19.0
Carbondale	28	6.7
Springfield	25	6.0
Macomb	15	3.6
Charleston	14	3.4
Bloomington-Normal	11	2.7
Peoria	9	2.2
All Others	123	29.7
<b>Total</b>	<b>415</b>	<b>100.0</b>

**Table 2.** Institutional Affiliations of Responding Systematists and Ecologists

Institution	Number of Respondents	Percent of Respondents
Universities	182	42.3
Colleges	29	6.7
High Schools	3	0.7
Illinois Natural History Survey	61	14.2
Other Illinois State Agencies	30	7.0
U.S. Government Agencies & Labs	20	4.7
City and County Agencies	11	2.6
Museums	38	8.8
Botanical & Zoological Parks & Gardens	14	3.3
Private Industry	17	4.0
Conservation Organizations	6	1.4
Others and Unaffiliated	29	6.7
<b>Total</b>	<b>430</b>	<b>100.0</b>

As expected because of the high response level from universities, academics dominate the position title categories as well, with a total of 156 (36.3%) of all respondents being professors (Table 3). The next largest category is that of the research scientist, whose titles include "biologist", "ecologist", "research associate", etc. Curators were identified as a separate category, as were individuals with administrative roles. Note that the categories in Table 3 are not mutually exclusive. Most respondents (84.1%) consider themselves practicing professionals, while many (9.6%) are inactive in research because of administrative or teaching duties. Only 4.0% of the respondents are amateurs; this number is probably unrepresentative because many active amateurs may not have received questionnaires. Retirees make up only 2.3% of the respondents.

**Table 3.** Position Titles of Responding Systematists and Ecologists

Position Category*	Number of Respondents	Percent of 430 Respondents
(Full) Professor	83	19.3
Associate Professor	40	9.3
Assistant Professor	33	7.7
Graduate Student	22	5.1
Research or Technical Assistant	9	2.1
"Research Scientist"	93	21.6
Curator	35	8.1
"Administrator"	71	16.5
Other	48	11.2

\* NOTE: These position categories are not mutually exclusive; for example, a professor may also be a curator or a department head (administrator).

A total of 226 respondents (52.6%) sent a list of their publications. These lists were not entered into the computerized database, but their presence was noted for each respondent. Publication lists have been put on file at the Natural History Survey for future reference.

A total of 386 respondents (89.8%) reported having a bachelor's degree, 323 respondents (75.1%) have or are working on a master's degree, and 290 respondents (67.4%) have or are working on a doctoral degree. These proportions are indicative of the long period of training and post-graduate work generally required to be a practicing systematist or ecologist. Of the 1,013 college degrees reported by respondents, a total of 345, or 34.1%, were awarded by Illinois colleges and universities. The average year for a bachelor's degree was 1965, 1969 for a master's, and 1971 for a doctorate. On the average, respondents have been with their organizations since 1973, indicating a well experienced contingent of resident biologists.

The differences in time allocation among respondents was one of the most interesting results summarized from the biographical data. As shown in Table 4, the average respondent spends 41.2% of his/her time doing research, 22.7% teaching, 15.5% serving administrative functions, 10.3% devoted to service activities, and 10.3% spent on curatorial and other activities. Although it was not an option on the questionnaire, 17 respondents (4.0%) wrote in "curatorial" as a principal activity. Since the option was not presented to all respondents, curatorial activities are not summarized separately, but this category has been included on the revised questionnaire (Appendix).

**Table 4.** Average Time Commitments, According to Institutional Affiliation  
(Percent of time allocated to specified activity)

Institutional Category	Activity				
	Research	Teaching	Admin.	Service	Curatorial and Other
	% time				
Academia (n = 201)	39	43	9	5	4
Natural History Survey (n = 57)	71	2	11	12	4
Other Government Agencies (n = 59)	19	5	34	20	22
Museums and Gardens (n = 48)	49	4	24	14	9
Others (n = 44)	31	6	16	14	33
<b>Total (n = 409)</b>	<b>41.2%</b>	<b>22.7%</b>	<b>15.5%</b>	<b>10.3%</b>	<b>10.3%</b>

Time commitments show clear differentiation on the basis of the institutional affiliation and position of the respondent. Systematists and ecologists with the Illinois Natural History Survey primarily do research (which takes up 71% of their time), as do those affiliated with museums and gardens (49% of their time; Table 4). Academicians have a lower allocation to research (39%), which is offset by teaching duties taking up 43% of their time. Personnel with government agencies spend much time engaged in administrative (34%) and service (20%) activities. Similar patterns are reflected in the distribution of time commitments among professional categories (Table 5). Professors do more teaching (52% time commitment) than research (34%), while graduate students and technical assistants do mostly research (64%). Research scientists (with a 56% time allocation) and curators (53%) also do mostly research, while curators also have a large allocation to administrative activities (20%), next only to administrators (52%). Service activities are significant mostly to research scientists (18% time commitment) and administrators (14%).

**Table 5.** Average Time Commitments, According to Position Type  
(Percent of time allocated to specified activity)

Position Category*	Activity				
	Research	Teaching	Admin.	Service	Curatorial and Other
	% time				
Professors & Instructors (n = 157)	34	52	8	4	2
Students & Tech. Assistants (n = 34)	64	18	0	2	16
Research Scientists (n = 115)	56	1	11	18	14
Curators (n = 35)	53	9	20	9	9
Administrators (n = 78)	19	11	52	14	4
Others (n = 48)	17	1	30	21	31
<b>Total (n = 409)</b>	<b>41.2%</b>	<b>22.7%</b>	<b>15.5%</b>	<b>10.3%</b>	<b>10.3%</b>

\* NOTE: These position categories are not mutually exclusive; e.g. a research scientist may also be a curator or manager (administrator).

### 3.2 Areas of Expertise

Tables 6 to 8 summarize the areas of expertise checked off by responding systematists and ecologists; these categorical responses are fully indexed in Section 5.1. The most popular response was an ecological interest in natural systems (indicated by 290 or 67.4% of the respondents), followed by the use of gross morphology as a systematic technique (indicated by 210 or 48.8% of the respondents). Flowering plants (Table 6) appear to be the most popular organisms of study (38.8%), while among animals, insects were checked off most frequently (28.1%). The most popular systematic techniques (Table 7) are the use of gross morphology (48.8%), biogeography (42.3%), nomenclature (35.6%) and anatomy (30.0%). In terms of ecological interests (Table 8), more researchers appear to be interested in terrestrial systems than aquatic systems, and in the population or community levels of organization rather than the ecosystem level. More respondents take a basic approach (53.7%) than an applied approach (37.9%), which corresponds to the prevalence of academic affiliations. The ecological processes or activities of greatest interest are environmental assessments (35.6%), field census (34.2%), demography/life history (33.5%) and plant/animal interactions (30.5%).

**Table 6.** Experience of Responding Systematists and Ecologists with Different Organism Groups.

Organisms Worked With	Number of Respondents	Percent of 430 Respondents
<b>Plants</b>		
(1) flowering plants	167	38.8
(2) gymnosperms	49	11.4
(3) ferns and allies	49	11.4
(4) bryophytes	18	4.2
(5) fungi	31	7.2
(6) lichens	17	4.0
(7) algae	33	7.7
<b>Animals</b>		
(8) mammals	104	24.2
(9) birds	84	19.5
(10) reptiles and amphibians	65	15.1
(11) fishes	86	20.0
(12) insects	121	28.1
(13) crustaceans	37	8.6
(14) arachnids	13	3.0
(15) mollusks	37	8.6
(16) worms	20	4.7
(17) coelenterates	4	0.9
(18) protozoans	10	2.3
(19) Other	19	4.4

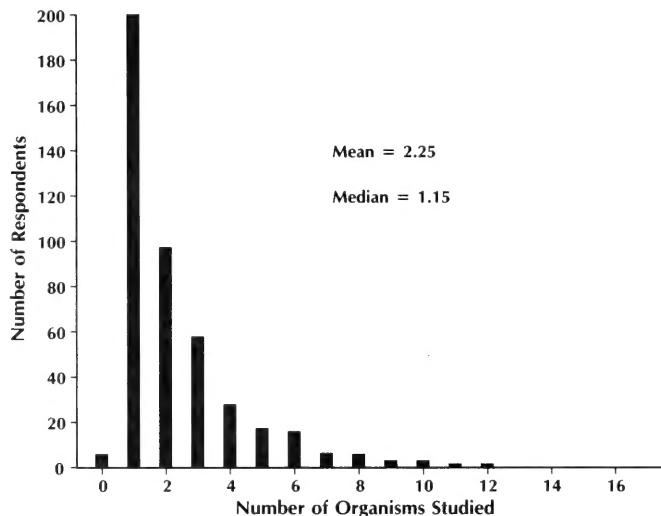
**Table 7.** Different Systematic Techniques Employed by Respondents.

Systematic Technique	Number of Respondents	Percent of 430 Respondents
(20) anatomy	129	30.0
(21) biogeography	182	42.3
(22) chromatography/ electrophoresis	46	10.7
(23) cladistics	60	14.0
(24) cytology/chromosomes	42	9.8
(25) embryology	9	2.1
(26) genetics/breeding	48	11.2
(27) gross morphology	210	48.8
(28) nomenclature	153	35.6
(29) palynology	11	2.6
(30) phenetics	44	10.2
(31) reproductive biology	84	19.5
(32) serology	5	1.2
(33) other	42	9.8

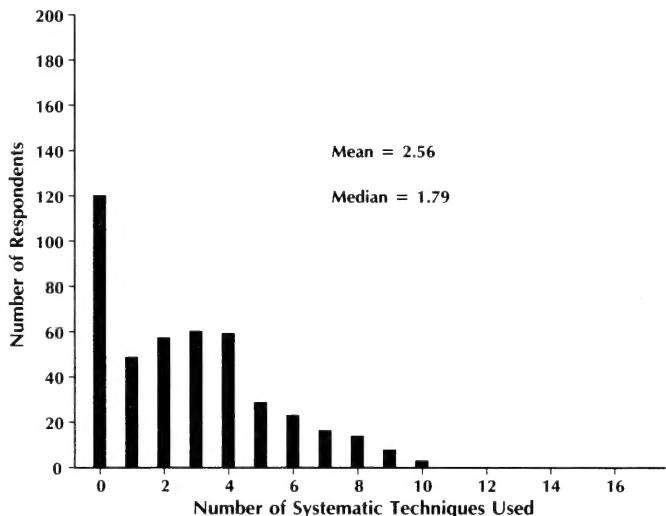
**Table 8.** Prevalence of Different Ecological Interests Among Respondents

Field of Research or Interest	Number of Respondents	Percent of 430 Respondents
<b>System and Level</b>		
(34) terrestrial population	174	40.5
(35) terrestrial community	168	39.1
(36) terrestrial ecosystem	107	24.9
(37) aquatic population	108	25.1
(38) aquatic community	109	25.3
(39) aquatic ecosystem	86	20.0
<b>Approach</b>		
(40) basic	231	53.7
(41) applied	163	37.9
<b>System Type</b>		
(42) natural	290	67.4
(43) disturbed	190	44.2
(44) artificial	73	17.0
(45) managed	128	29.8
<b>Ecological Process or Research Activity</b>		
(46) behavioral ecology	116	27.0
(47) community classification	89	20.7
(48) demography/life history	144	33.5
(49) energy budgets	25	5.8
(50) environmental assessments	153	35.6
(51) evolution	117	27.2
(52) field census	147	34.2
(53) human ecology	17	4.0
(54) landscape ecology	46	10.7
(55) models	47	10.9
(56) nutrients	39	9.1
(57) physiological ecology	63	14.7
(58) plant/animal interactions	131	30.5
(59) plant/plant interactions	56	13.0
(60) plant/soil relations	52	12.1
(61) reclamation	47	10.9
(62) resource management	98	22.8
(63) succession	92	21.4
(64) toxicology	33	7.7
(65) weeds	39	9.1
(66) other	45	10.5

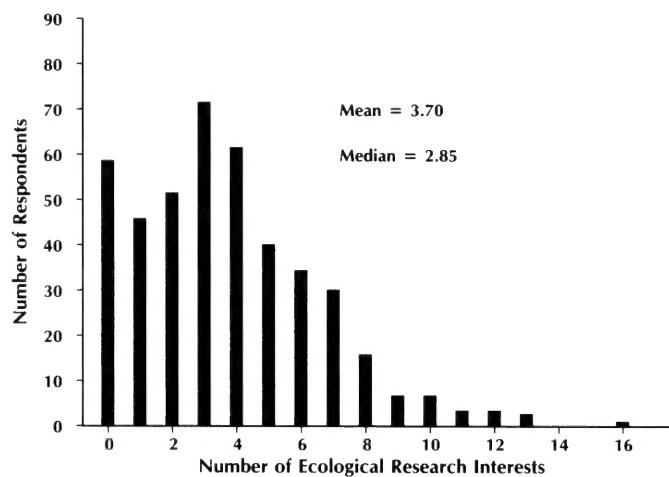
Most respondents indicated that they worked with only one of the 19 organism groups listed on the questionnaire (median response of 1.15 groups, Fig. 1). The modal number of systematic techniques used was three (Fig. 2), but a median response of 1.79 groups was obtained because of the large number (120) of respondents who do not utilize systematics. Respondents likewise tended to check off three or four ecological interests (Fig. 3), while the median response was 2.85 groups, in part due to the 58 respondents who indicated no ecological interests. These frequency distributions suggest that most practicing biologists utilize a variety of systematic techniques or have a range of ecological interests, but (especially botanists) tend to restrict themselves to one group of organisms or another.



**Figure 1.** Frequency distribution of the number of organism groups studied.



**Figure 2.** Frequency distribution of the number of systematic techniques used.



**Figure 3.** Frequency distribution of the number of ecological research interests.

The number of respondents having individual expertise in several fields provides an insight into the prevalence of more specific areas of experience and research among practicing biologists. For example, 38 respondents (8.8%) study both flowering plants and insects, while in a more general context, 92 respondents (21.4%) expressed an interest in both plants and animals. Fifty-seven respondents (13.3%) study both birds and mammals, and 72 respondents (16.7%) are interested in both terrestrial and aquatic ecology. A total of 86 respondents (20.0%) take both a basic and applied approach to their ecological research. There were 112 applied, terrestrial ecologists who responded, in contrast to 81 applied, aquatic ecologists. Two-hundred and ten terrestrial ecologists (80.8% of them) expressed an interest in natural systems, while 132 aquatic ecologists (84.1% of them) expressed a similar interest.

Further comparisons were made between plant biologists and animal biologists. In terms of the utilization of systematic techniques, Table 9 indicates that botanical systematists and zoological systematists make remarkably equal use of biogeography, chromatography/electrophoresis and genetics/breeding. Plant biologists are more likely to use cytology/ chromosomes, nomenclature and (of course) palynology, while anatomy and cladistics are more popular among animal biologists. In terms of ecological interests (Table 10), plant biologists are more likely to be interested in community classification, landscape ecology, nutrients, plant/plant and plant/soil interactions, reclamation, succession and weeds. Animal ecologists tend to prefer behavioral ecology, demography/life history, evolution and field census work. Many differences in interest are due to fundamental differences between plants and animals, while others (such as in evolution) are more difficult to explain.

**Table 9.** Comparison of Systematic Techniques Used by Plant Biologists and Animal Biologists

Technique	Plant Biologists % of 206	Animal Biologists % of 309
(20) anatomy	21.8	33.3
(21) biogeography	42.7	42.7
(22) chromatography/ electrophoresis	10.2	10.4
(23) cladistics	5.8	17.2
(24) cytology/chromosomes	14.1	5.8
(25) embryology	1.0	2.3
(26) genetics/breeding	11.2	11.3
(27) gross morphology	49.5	46.0
(28) nomenclature	37.4	31.1
(29) palynology	5.3	0.0
(30) phenetics	7.8	10.4
(31) reproductive biology	18.0	20.7
(32) serology	0.5	1.6
(33) other	9.2	8.1

NOTE: This tabulation includes 92 respondents who checked off both plants and animals.

**Table 10.** Comparison of Ecological Interests of Plant Biologists and Animal Biologists

Field of Research or Interest	Plant Biologists % of 206	Animal Biologists % of 309
(46) behavioral ecology	14.1	37.2
(47) community classification	29.1	17.5
(48) demography/life history	25.2	40.4
(49) energy budgets	5.8	5.5
(50) environmental assessments	36.9	38.5
(51) evolution	20.9	31.4
(52) field census	33.0	40.1
(53) human ecology	2.4	5.2
(54) landscape ecology	14.6	10.4
(55) models	9.7	11.7
(56) nutrients	12.6	7.8
(57) physiological ecology	15.5	14.0
(58) plant/animal interactions	36.4	35.6
(59) plant/plant interactions	26.7	8.4
(60) plant/soil relations	23.3	7.8
(61) reclamation	15.0	9.1
(62) resource management	24.8	25.9
(63) succession	34.0	16.2
(64) toxicology	7.3	8.7
(65) weeds	16.0	6.8
(66) other	9.2	11.3

NOTE: This tabulation includes 92 respondents who checked off both plants and animals.

Respondents with ecological interests were divided into terrestrial biologists and aquatic biologists (Table 11). Terrestrial biologists have stronger interests in behavioral ecology, demography/life history, landscape ecology, and plant/animal, plant/plant or plant/soil interactions. Aquatic biologists, on the other hand, have greater interest in environmental assessment, nutrients and toxicology, reflecting widespread societal concerns regarding water pollution. Similar differences were observed between basic researchers and applied researchers (Table 12), although both groups take an equal interest in community classification and plant/animal interactions. Basic researchers have pronounced interests in behavioral ecology, demography/life history and evolution. Applied researchers were more likely to check off environmental assessment, human ecology, landscape ecology, models, nutrients, resource management and weeds as areas of interest or research.

**Table 11.** Comparison of Ecological Interests of Terrestrial Biologists and Aquatic Biologists

Field of Research or Interest	Terrestrial Biologists	Aquatic Biologists
	% of 260	% of 157
(46) behavioral ecology	32.7	24.2
(47) community classification	24.6	29.3
(48) demography/life history	43.5	32.5
(49) energy budgets	6.9	9.6
(50) environmental assessments	38.1	54.8
(51) evolution	28.8	24.2
(52) field census	41.9	36.9
(53) human ecology	5.0	3.8
(54) landscape ecology	16.2	8.3
(55) models	13.5	12.7
(56) nutrients	9.6	27.4
(57) physiological ecology	16.5	17.8
(58) plant/animal interactions	40.8	27.4
(59) plant/plant interactions	20.4	11.5
(60) plant/soil relations	19.2	7.6
(61) reclamation	14.6	12.1
(62) resource management	27.3	29.9
(63) succession	29.6	23.6
(64) toxicology	5.8	12.7
(65) weeds	12.3	7.6
(66) other	10.0	10.2

NOTE: This tabulation includes 72 respondents who checked off both terrestrial and aquatic interests.

**Table 12.** Comparison of Ecological Interests of "Basic" Researchers and "Applied" Researchers

Field of Research or Interest	Basic Researchers	Applied Researchers
	% of 231	% of 163
(46) behavioral ecology	38.1	25.2
(47) community classification	26.4	26.4
(48) demography/life history	45.9	33.7
(49) energy budgets	6.9	10.4
(50) environmental assessments	38.1	60.1
(51) evolution	41.1	14.7
(52) field census	38.1	42.9
(53) human ecology	3.0	6.1
(54) landscape ecology	12.1	19.0
(55) models	11.3	19.0
(56) nutrients	9.5	16.6
(57) physiological ecology	20.3	17.8
(58) plant/animal interactions	39.4	38.7
(59) plant/plant interactions	16.0	17.8
(60) plant/soil relations	14.7	17.2
(61) reclamation	10.4	18.4
(62) resource management	18.6	42.9
(63) succession	28.1	30.7
(64) toxicology	7.4	15.3
(65) weeds	9.1	12.9
(66) other	14.3	11.7

NOTE: This tabulation includes 86 respondents who checked off both basic and applied approaches.

Answers to the three free-format questions can also be queried, tabulated and cross-tabulated, but specific keywords have to be specified in such searches. The large number of different places, taxa and specialties listed by respondents prevents any meaningful summarization here. The index to these free-format responses (Section 5.2) contains geographic (Section 5.2.1), taxonomic (Section 5.2.2) and ecological (Section 5.2.3) segments. The number and identity of respondents who cited various key words can be obtained from this index and by referring back to the alphabetical listing of respondents as necessary. For example, 27 respondents included "Indiana" in their list of research locations, while 15 included the word "tropics" or "tropical". Seven respondents cited "Poaceae" (grasses) as a taxonomic specialty, while ten respondents specialize in "Diptera" (flies). The term "natural area" was referred to by 19 respondents, and "monitoring" was cited by three respondents. As an example of a more specific query, it turns out that only two respondents listed both "Mississippi River" and "fish" in their geographical and ecological responses. The names, addresses or phone numbers of these individuals can be readily identified. Statistical summaries and cross-tabulations of these responses would not be as meaningful as those made above for the categorized groups, because there is no means of ensuring that respondents used the same term for similar interests.

## 4. The Directory

### 4.1 Key to Numerical Codes

The alphabetical listing of individual responses uses the following numerical codes to indicate specific areas of interest and expertise, as checked off by the respondents:

#### Organisms Worked With:

(1) flowering plants	(10) reptiles and amphibians
(2) gymnosperms	(11) fishes
(3) ferns and fern allies	(12) insects
(4) bryophytes	(13) crustaceans
(5) fungi	(14) arachnids
(6) lichens	(15) mollusks
(7) algae	(16) worms
(8) mammals	(18) protozoans
(9) birds	(19) other

#### Systematic Techniques Utilized:

(20) anatomy	(27) gross morphology
(21) biogeography	(28) nomenclature
(22) chromatography/electrophoresis	(29) palynology
(23) cladistics	(30) phenetics
(24) cytology/chromosomes	(31) reproductive biology
(25) embryology	(32) serology
(26) genetics/breeding	(33) other

#### Ecological Research or Interests:

System and Level	Process or Activity
(34) terrestrial population	(46) behavioral ecology
(35) terrestrial community	(47) community classification
(36) terrestrial ecosystem	(48) demography/life history
(37) aquatic population	(49) energy budgets
(38) aquatic community	(50) environmental assessment
(39) aquatic ecosystem	(51) evolution
	(52) field census

#### Approach

(40) basic	(53) human
(41) applied	(54) landscape ecology

#### System Type

(42) natural	(55) models
(43) disturbed	(56) nutrients
(44) artificial	(57) physiological ecology
(45) managed	(58) plant/animal interactions
	(59) plant/plant interactions
	(60) plant/soil relations
	(61) reclamation
	(62) resource management
	(63) succession
	(64) toxicology
	(65) weeds
	(66) other

## 4.2 Alphabetical Listing

#1

### Mr. David G. Abel

Professor  
Shimer College  
Department of Natural Science  
438 N. Sheridan Rd., P.O. Box A-500  
Waukegan, IL 60085

M.S. Western Kentucky University 1972  
Phone (312) 623-8400

Organisms Worked With: 11 12 13 16

Systematic Techniques: 27

Ecological Interests: 37 39 40 42

50

Geographical Areas:

Organism Specialties: Oligochaeta, Tubificidae and Naididae

Ecological Expertise: environmental assessment and impact evaluation

#2

### Dr. Ronald G. Alderfer

Assoc. V.P. & Midwest Reg. Manager  
Environmental Science & Engin. Inc.  
11665 Lilburn Park Road  
St. Louis, MO 63146

Ph.D. Washington University 1969  
Phone (314) 567-4600

Organisms Worked With: 1

Systematic Techniques: 21 27

Ecological Interests: 36 39 41 42 43 45

49 50 54 57 61 62 64

Geographical Areas: Missouri, Arkansas, Texas, Georgia, North Carolina, Virginia, Florida

Organism Specialties:

Ecological Expertise: environmental regulation of photosynthesis in plant communities; reclamation and reforestation techniques; environmental assessment and specific mitigation techniques

#3

### Dr. David C. Allison

Professor & Chairman  
Monmouth College  
Department of Biology  
Monmouth, IL 61462

Ph.D. Pennsylvania State University 1960  
Phone (309) 457-2021

Organisms Worked With: 1 7 9

Systematic Techniques: 24 26

Ecological Interests: 35 38 41 42

58 59 63

Geographical Areas: Henderson and Warren Counties, Illinois

Organism Specialties:

Ecological Expertise:

#4

### Mr. Bruce H. Ambuel

Research Assistant  
University of Illinois  
Department of Psychology  
603 E. Daniel St.  
Champaign, IL 61820

M.S. University of Wisconsin-Madison 1981  
Phone (217) 333-0041

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 35

46 48 52 53

Geographical Areas:

Organism Specialties:

Ecological Expertise: avian community ecology and biogeography; human ecology and reproductive behavior

#5

### Mr. Michael Wayne Ander

Ecologist  
Dames & Moore Consultants  
Environmental Division  
1550 Northwest Highway  
Park Ridge, IL 60068

M.S. Northern Illinois University 1970  
Phone (312) 297-6120

Organisms Worked With: 12

Systematic Techniques: 20 21 27 28

Ecological Interests: 38 41 42 43

50 52 61

Geographical Areas: northern Illinois, Wisconsin, Missouri

Organism Specialties: Diptera - Chironomidae

Ecological Expertise: Midwest lakes and streams

#6

### Dr. Robert Arthur Andersen

Assistant Professor  
De Paul University  
Department of Biological Sciences  
1036 Belden Avenue  
Chicago, IL 60614

Ph.D. University of Arkansas 1981  
Phone (312) 321-8171

Organisms Worked With: 7 18

Systematic Techniques: 21 22 23 27 28 30 31

Ecological Interests: 37 38 40 42

48 58 63

Geographical Areas: northern Illinois

Organism Specialties: Chrysophyceae - Synura, Mallomonas, Ochromonas, Epipyxis, etc.

Ecological Expertise: freshwater algae, especially Chrysophyceae

#7

**Dr. Richard V. Anderson**

Associate Professor  
Western Illinois University  
Department of Biological Sciences  
Macomb, IL 61455

Ph.D. Colorado State University 1978  
Phone (309) 298-1553

Organisms Worked With: 12 13 15 16 17 19  
Systematic Techniques: 27  
Ecological Interests: 37 38 39 42  
47 49 56 58  
Geographical Areas: west central Illinois aquatic habitats, with emphasis on Mississippi and Illinois Rivers  
Organism Specialties: aquatic invertebrates in general; free living Nematoda  
Ecological Expertise: invertebrate ecology, with emphasis on effects of invertebrates on nutrient cycling and energy flow

#8

**Dr. Roger C. Anderson**

Professor  
Illinois State University  
Department of Biological Sciences  
Normal, IL 61761

Ph.D. University of Wisconsin-Madison 1968  
Phone (309) 438-2653

Organisms Worked With: 1  
Systematic Techniques: 31  
Ecological Interests: 35  
47 48 52 58 60 61 63  
Geographical Areas: Midwest; all parts of Illinois  
Organism Specialties: Primulaceae - *Trientalis borealis*  
Ecological Expertise: community ecology of grasslands and forests; presettlement vegetation; fire ecology; strip mine reclamation

#9

**Dr. Ted R. Anderson**

Associate Professor & Dean  
McKendree College  
701 College  
Lebanon, IL 62254

Ph.D. St. Louis University 1973  
Phone (618) 537-4481

Organisms Worked With: 9  
Systematic Techniques: 21 31  
Ecological Interests: 34 35 40 42 43  
46 48 51 52  
Geographical Areas: Monroe County, Illinois; St. Louis and St. Charles Counties, Missouri; Poland  
Organism Specialties: Passer  
Ecological Expertise: reproductive strategies of birds; avian community ecology; avian population ecology

#10

**Mr. William L. Anderson**

Conservation Resource Proj. Manager  
Illinois Natural History Survey  
Section of Wildlife Research  
607 E. Peabody Dr.  
Champaign, IL 61820

M.A. Southern Illinois University 1964  
Phone (217) 333-8041

Organisms Worked With: 9  
Systematic Techniques:  
Ecological Interests: 34 35 36 37 38 39 40 42 43 44 45  
49 52 57 58 62 64  
Geographical Areas: Illinois, statewide  
Organism Specialties: Galliformes, Anseriformes  
Ecological Expertise: population dynamics, toxicology, nutrition, physiology

#11

**Dr. Paul L. Angermeier**

Research Associate  
University of Illinois  
Dept. of Ecology, Ethology & Evolution  
606 E. Healey St.  
Champaign, IL 61820

Ph.D. University of Illinois 1983  
Phone (217) 333-2235

Organisms Worked With: 11  
Systematic Techniques:  
Ecological Interests: 37 38 39 40 42 43  
46 62  
Geographical Areas: central southern Illinois; Panama  
Organism Specialties:

Ecological Expertise: community dynamics of aquatic systems, especially streams; impacts of disturbance on community organization among fishes

#12

**Dr. Thomas M. Antonio**

Taxonomist  
Chicago Botanic Garden  
Herbarium  
P.O. Box 400 - Lake Cook Road  
Glencoe, IL 60022

Ph.D. University of Oklahoma 1982  
Phone (312) 835-5440

Organisms Worked With: 1 2 3  
Systematic Techniques: 27 28 31  
Ecological Interests:

Geographical Areas:

Organism Specialties: Central American Monimiaceae

Ecological Expertise: cultivated plants of the Chicago region; native Illinois plants; horticulturally important aquatics

#13

**Mr. Steven Irwin Apfelbaum**  
 Research and Consulting Ecologist  
 Applied Ecological Services  
 516 Berkley Drive  
 Arlington Heights, IL 60004

M.S. University of Illinois-U.C. 1978  
 Phone (608) 897-8547

Organisms Worked With: 1 5 6 9

Systematic Techniques:

Ecological Interests: 34 35 36 40 41 42 43

47 48 50 52 54 56 60 61 62 63 64 65 66

Geographical Areas: Cook, DuPage, Lake, McHenry Counties, Illinois; Appalachian, Great Lakes, southeast, desert southwest, intermountain and Pacific Coast states; Hawaiian Islands; eastern Mexico; central Canada  
 Organism Specialties:

Ecological Expertise: ecological assessment; design and implementation of long-term ecological monitoring programs

#14

**Dr. James E. Appleby**  
 Entomologist  
 Illinois Natural History Survey  
 Section of Economic Entomology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Phone (217) 333-6250

Organisms Worked With: 12

Systematic Techniques:

Ecological Interests: 40 41

48 54

Geographical Areas: Pope, Champaign and DuPage Counties, Illinois

Organism Specialties:

Ecological Expertise: life histories of insects attacking landscape and forest trees.

#15

**Mrs. Patricia Kay Armstrong**  
 Coord. Youth Prog. & Prairie Proj.  
 Morton Arboretum  
 Education Department  
 Route 53  
 Lisle, IL 60532

M.S. University of Chicago 1968  
 Phone (312) 968-0074

Organisms Worked With: 1 2 3 4 6 8 9 10 12 13 14

Systematic Techniques: 21

Ecological Interests: 35 38 40 42 43 45

47 50 52 54 63

Geographical Areas: Shawnee Hills, southern Illinois; Sauk Hills (driftless area), Wisconsin; mountain areas of the world

Organism Specialties: bryophytes, lichens; prairie plants, vascular plants at timberline and above; aquatic invertebrates; amphibians

Ecological Expertise: prairie; saxicolous plants; timberline and alpine ecology

#16

**Dr. Stevan J. Arnold**  
 Associate Professor  
 University of Chicago  
 Department of Biology  
 1103 E. 57th Street  
 Chicago, IL 60637

Ph.D. University of Michigan 1972  
 Phone (312) 962-3402

Organisms Worked With: 10

Systematic Techniques: 21 26 27 31

Ecological Interests: 34 37 40 42

46 48 51 52 57

Geographical Areas: northern California; Europe

Organism Specialties: Reptilia: Colubridae - Thamnophis; Urodeles: Salamandridae, Plethodontidae, Ambystomatidae  
 Ecological Expertise: demography and behavioral ecology of reptiles and amphibians

#17

**Dr. Charles B. Arzeni**  
 Professor  
 Eastern Illinois University  
 Department of Botany  
 Charleston, IL 61920

Ph.D. University of Michigan 1952  
 Phone (217) 581-3728

Organisms Worked With: 1 4 6

Systematic Techniques: 27

Ecological Interests: 42

52

Geographical Areas: Illinois; west central Indiana; Michigan; Central America; South America; Taiwan

Organism Specialties: Bryophyta

Ecological Expertise:

#18

**Dr. William Clark Ashby**  
 Professor  
 Southern Illinois University  
 Department of Botany  
 Carbondale, IL 62901

Ph.D. University of Chicago 1950  
 Phone (618) 536-2331

Organisms Worked With: 1 5

Systematic Techniques:

Ecological Interests: 36 42 43 44 45

50 56 57 59 60 61 63 65

Geographical Areas: Saline, Perry, Williamson, Randolph, Hardin, Union, Jackson, Pope and Wabash Counties, Illinois; Indiana; Maryland; Wisconsin

Organism Specialties:

Ecological Expertise: forest ecology; physiological ecology; tree growth; strip mine reclamation; ecological genetics

#19

**Dr. Yousef Hanna Atallah**  
 Director Environmental Sciences  
 Velsicol Chemical Corporation  
 Research Division  
 341 E. Ohio Street  
 Chicago, IL 60611

Ph.D. Louisiana State University 1964  
 Phone (312) 670-4830

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 41 43 44  
 50 55 64

Geographical Areas:

Organism Specialties:

Ecological Expertise: environmental toxicology; fate of xenobiotics in the environment

#20

**Dr. Carol K. Augspurger**  
 Associate Professor  
 University of Illinois  
 Department of Plant Biology  
 289 Morrill Hall, 505 S. Goodwin Ave.  
 Urbana, IL 61801

Ph.D. University of Michigan 1978  
 Phone (217) 333-1298

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 40 42  
 48 58 59

Geographical Areas: Neotropics, especially Costa Rica and Panama

Organism Specialties:

Ecological Expertise: reproductive biology (phenology, pollination, seed predation, dispersal, especially wind dispersal, germination, seedling survival & growth); damping-off disease of seedlings; demography; monocarpy

#21

**Dr. Ralph W. Axtell**  
 Professor  
 Southern Illinois University  
 Department of Biological Sciences  
 Edwardsville, IL 62026

Ph.D. University of Texas-Austin 1958  
 Phone (618) 692-3405

Organisms Worked With: 10

Systematic Techniques: 20 21 22 27 28 30

Ecological Interests:

Geographical Areas: Madison, Calhoun, Jersey, St. Clair, Pike, Monroe & Randolph Cos., Illinois; Lincoln, Pike, Ralls, St. Charles, Jefferson & Warren Cos., Missouri; Arizona; New Mexico; Texas; northern Mexico  
 Organism Specialties: Squamata - Iguanidae, Holbrookia, Crotaphytus, Sceloporus, etc.; Serpentes - Lampropeltis, Carphophis, Crotalus; Anura - Hylidae, Pseudacris  
 Ecological Expertise:

#22

**Dr. David Bardack**  
 Professor  
 University of Illinois at Chicago  
 Department of Biological Sciences  
 Chicago, IL 60680

Ph.D. University of Kansas 1963  
 Phone (312) 996-4578

Organisms Worked With: 11

Systematic Techniques: 20 21 23

Ecological Interests:

Geographical Areas: Will and Grundy Counties, Illinois (Mason Creek Pennsylvanian fauna); Kansas, Texas; Northwest Territories, Canada;  
 Organism Specialties: fish

Ecological Expertise:

#23

**Dr. Kerry A. Barringer**  
 Visiting Assistant Curator  
 Field Museum of Natural History  
 Department of Botany  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605-2496

Ph.D. University of Connecticut 1981  
 Phone (312) 922-9410

Organisms Worked With: 1

Systematic Techniques: 20 21 27 28

Ecological Interests:

Geographical Areas: Costa Rica, lowland South America

Organism Specialties: Scrophulariaceae, Aristolochiaceae, Central American Orchidaceae, Costa Rican Myristicaceae and Annonaceae  
 Ecological Expertise:

#24

**Dr. George O. Batzli**  
 Professor & Head  
 University of Illinois  
 Dept. of Ecology, Ethology & Evolution  
 515 Morrill Hall, 505 S. Goodwin Ave.  
 Urbana, IL 61801

Ph.D. University of California-Berkeley 1969  
 Phone (217) 333-7801

Organisms Worked With: 1 8 12

Systematic Techniques:

Ecological Interests: 34 35 40 42 43  
 57 58 66

Geographical Areas: Champaign County, Illinois; northern Alaska; New Zealand; Norway

Organism Specialties:

Ecological Expertise: nutritional ecology of herbivores; population dynamics of animals; Arctic ecology; small mammal communities

#25

**Mr. Donald L. Baumgartner**  
 Graduate Student  
 University of Illinois-Chicago  
 Department of Biological Sciences  
 P.O. Box 4348  
 Chicago, IL 60680

M.S. University of Illinois at Chicago 1984  
 Phone (312) 996-5440

Organisms Worked With: 12  
 Systematic Techniques: 21 27  
 Ecological Interests: 34 35 42 43  
 46 48 52  
 Geographical Areas: Cook County, Illinois; South America, especially Peru  
 Organism Specialties: Diptera - Calliphoridae, Mesembrinellidae, Culicidae  
 Ecological Expertise: biogeography and altitudinal distribution of Calliphoridae

#26

**Dr. Peter B. Bayley**  
 Assistant Professional Scientist  
 Illinois Natural History Survey  
 Section of Aquatic Biology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. Dalhousie University 1982  
 Phone (217) 333-6889

Organisms Worked With: 11  
 Systematic Techniques:  
 Ecological Interests: 37 38 39 41 42 44 45  
 49 55 62 66  
 Geographical Areas: state and public impoundments throughout Illinois; Amazon River in Brazil and Peru  
 Organism Specialties:  
 Ecological Expertise: fish population dynamics and production; trophic dynamics and community ecology

#27

**Dr. Fakhri A. Bazzaz**  
 Professor  
 Harvard University  
 Dept. of Organismic & Evolutionary Biology  
 16 Divinity Avenue  
 Cambridge, MA 02138

Ph.D. University of Illinois 1963  
 Phone (617) 495-0916

Organisms Worked With: 1  
 Systematic Techniques:  
 Ecological Interests: 34 35 36 43  
 48 55 56 57 59 62 63 65  
 Geographical Areas: Champaign County, Illinois; Massachusetts  
 Organism Specialties:  
 Ecological Expertise: physiological, population and community ecology of plants

#28

**Dr. Andrew J. Beattie**  
 Professor  
 Northwestern University  
 Dept. of Ecology & Evolutionary Biology  
 Evanston, IL 60201  
 Phone (312) 492-5619

Organisms Worked With: 1 12  
 Systematic Techniques:  
 Ecological Interests: 34 35 40 42  
 46 48 51 58  
 Geographical Areas: Colorado; England; Australia  
 Organism Specialties:  
 Ecological Expertise: pollination; seed dispersal; ant-plant interactions

#29

**Mr. Carl N. Becker**  
 Section Manager  
 Illinois Department of Conservation  
 Natural Heritage Section  
 600 N. Grand Avenue West  
 Springfield, IL 62706

M.S. Eastern Michigan University 1973  
 Phone (217) 785-8774

Organisms Worked With: 8 9 10 15  
 Systematic Techniques:  
 Ecological Interests: 34 35 36 41  
 50 52 54 62  
 Geographical Areas: north central Illinois; Wisconsin; east central Kansas; western Nebraska; southeast California; Connecticut and north central Massachusetts  
 Organism Specialties:  
 Ecological Expertise: avian ecology; small mammal ecology; endangered species (birds, mammals, amphibians and reptiles)

#30

**Barbara L. Benner**  
 Post-Doctoral Fellow  
 Indiana University  
 Department of Biology  
 Jordan Hall  
 Bloomington, IN 47405

Ph.D. University of Illinois-U.C. 1985  
 Phone (812) 335-7804

Organisms Worked With: 1  
 Systematic Techniques:  
 Ecological Interests: 34 35 40 42 43  
 48 56 57 58 59 60 63 65  
 Geographical Areas: central Illinois  
 Organism Specialties:  
 Ecological Expertise: responses of plants to variations in resource availability, and the effects of such variation (spatial and temporal) on plant competition

#31

**Dr. May R. Berenbaum**

Associate Professor  
 University of Illinois  
 Department of Entomology  
 320 Morrill Hall, 505 S. Goodwin Ave.  
 Urbana, IL 61801

Ph.D. Cornell University 1980  
 Phone (217) 333-7784

Organisms Worked With: 1 12  
 Systematic Techniques: 21 22 26 33  
 Ecological Interests: 34 35 40 42 43  
 46 51 58 64

Geographical Areas: Champaign County, Illinois

Organism Specialties: Apiaceae; Insecta - Papilionidae, Oecophoridae

Ecological Expertise: chemical aspects of plant-insect interaction

#32

**Mr. William Allen Bergman**

Principal Civil Engineer  
 Metropolitan Sanitary District  
 Engineering Department  
 100 E. Erie  
 Chicago, IL 60660

M.S. Illinois Institute of Technology 1981  
 Phone (312) 751-5818

Organisms Worked With: 12  
 Systematic Techniques: 26 27 33  
 Ecological Interests: 39 42 45  
 49 50 54 61

Geographical Areas: Cook, DuPage and Lake Counties, Illinois;  
 Indiana; Michigan; Wisconsin; Minnesota; Florida

Organism Specialties: Lepidoptera

Ecological Expertise: energy balances, aquatic ecology, watershed planning

#33

**Dr. James F. Berry**

Assistant Professor  
 Elmhurst College  
 Department of Biology  
 190 Prospect  
 Elmhurst, IL 60126

Ph.D. University of Utah 1978  
 Phone (312) 279-4100 Ext. 200

Organisms Worked With: 10  
 Systematic Techniques: 20 21 23 27 28 30 31  
 Ecological Interests: 34 35 37 38 40  
 46 48 51 55 57

Geographical Areas: southern Cook County, Illinois; southwestern Illinois; eastern states; central states; southwestern states; Mexico; Central America; South America

Organism Specialties: Testudines - Kinosternidae: Kinosternon and Sternotherus; Squamata - Colubridae: Thamnophis, Opheodrys and Storeria

Ecological Expertise: population ecology and physiological ecology, specifically the relationships between environmental parameters and morphological and physiological specializations

#34

**Dr. Gregory R. Biddinger**

Environmental Toxicologist  
 Illinois E.P.A.  
 Office of Chemical Safety  
 2200 Churchill Road  
 Springfield, IL 62706

Ph.D. Indiana State University 1981  
 Phone (217) 785-0830

Organisms Worked With: 11 13  
 Systematic Techniques:  
 Ecological Interests: 37 38  
 50 64

Geographical Areas:

Organism Specialties: organisms used in aquatic bioassays for acute or chronic toxicity testing: Pimephales promelas, Oryzias latipes, Daphnia magna, D. pulex, Ceriodaphnia reticulata

Ecological Expertise: population and community level effects of toxic effluents or single compounds, based on synoptic surveys of point sources and laboratory bioassays (single and multispecies)

#35

**Mr. Brian Jay Bielema**

1100 14th Avenue  
 Fulton, IL 61252

M.S. Western Illinois University 1973  
 Phone (309) 887-4255

Organisms Worked With: 1 8 9 10  
 Systematic Techniques: 21  
 Ecological Interests: 34 35 36 40 42  
 46 48 52 58 63

Geographical Areas: Whiteside, Carroll and Jo Daviess Counties, Illinois; Clinton, Jackson and Jones Counties, Iowa

Organism Specialties: rattlesnakes - Crotalus, Sistrurus;  
 also Agkistrodon

Ecological Expertise: Massasauga and timber rattlesnake ecology

#36

**Mr. J. Paul Biggers**

Chief of Environment  
 Illinois Dept. of Transportation  
 Bureau of Location and Environment  
 2300 S. Dirksen Parkway  
 Springfield, IL 62764

M.S. So. Illinois Univ.-Carbondale 1976  
 Phone (217) 782-4770

Organisms Worked With: 1 9  
 Systematic Techniques:  
 Ecological Interests: 34 35 41 42 43  
 47 50 52

Geographical Areas: Jackson County, Illinois

Organism Specialties:

Ecological Expertise: vegetation analysis and description; nesting ecology of white-eyed vireos; breeding bird surveys

#37

**Dr. Dale E. Birkenholz**

Professor

Illinois State University

Department of Biological Sciences

Normal, IL 61761

Ph.D. University of Florida 1962

Phone (309) 438-5567

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 42 43

46 52

Geographical Areas: central Illinois; northern Ontario, Canada

Organism Specialties:

Ecological Expertise: bird and small mammal censusing

#38

**Mr. Richard Ernest Bodmer**

Research Assistant

Chicago Zoological Society

Research Department

Brookfield, IL 60513

M.S. University of Illinois 1984

Phone (312) 485-0263

Organisms Worked With: 8

Systematic Techniques: 26 31

Ecological Interests: 34 35 40 41 42 44

46 48 57 58

Geographical Areas: Brookfield Zoo, Brookfield, Illinois; Epulu, Zaire; Iquitos, Peru

Organism Specialties: tropical forest ungulates

Ecological Expertise: behavioral ecology

#39

**Mr. H. David Bohlen**

Assistant Curator of Zoology

Illinois State Museum

Zoology Department

Spring &amp; Edwards

Springfield, IL 62706

B.S. Eastern Illinois University 1966

Phone (217) 782-6697

Organisms Worked With: 9

Systematic Techniques: 21 27

Ecological Interests: 34 40 42 43 44 45

48 52

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: birds and their habitats

#40

**Mr. John K. Bouseman**

Assistant Entomologist

Illinois Natural History Survey

Section of Economic Entomology

607 E. Peabody Drive

Champaign, IL 61820

M.S. University of Illinois-U.C. 1962

Phone (217) 333-2668

Organisms Worked With: 1 12

Systematic Techniques: 20 21 23 27 28 30 31

Ecological Interests: 34 35 40 42 43

46 48 51 58

Geographical Areas: Carroll, Whiteside, Henderson, Mason, Kankakee, Will, Effingham, Fayette, Marion, Union and Pope Counties, Illinois; Brazil; Paraguay; Uruguay; Venezuela; West Indies; Mexico

Organism Specialties: Coleoptera - Cerambycidae, Chrysomelidae, Meloidae, Rhipiphoridae; Hymenoptera - Apoidea

Ecological Expertise: pollination ecology

#41

**Mr. Marlin L. Bowles**

Research Associate

The Morton Arboretum

Lisle, IL 60532

M.S. University of Illinois 1972

Phone (312) 968-0074

Organisms Worked With: 1

Systematic Techniques: 21 31

Ecological Interests: 34 35 42

48 58 62

Geographical Areas: tall-grass prairie region

Organism Specialties: Orchidaceae; endangered plant taxa

Ecological Expertise: natural area management and inventory; distribution and management of endangered or threatened plant species

#42

**Dr. Raymond H. Brand**

Professor

Wheaton College

Biology Department

Wheaton, IL 60187

Ph.D. University of Michigan 1955

Phone (312) 260-5008

Organisms Worked With: 1 2 7 8 9 12

Systematic Techniques: 20 21 27 31

Ecological Interests: 34 40 41 42 45

46 50 52 58 62 63

Geographical Areas: DuPage and Cook Counties, Illinois

Organism Specialties: Collembola; Peromyscus

Ecological Expertise: terrestrial ecology; soil arthropod ecology; mammalian and avian ecology; applied aspects of wastewater management

#43

**Dr. Ronald A. Brandon**  
 Professor & Chairman  
 Southern Illinois University  
 Department of Zoology  
 Carbondale, IL 62901

Ph.D. University of Illinois-U.C. 1962

Phone (618) 536-2314

Organisms Worked With: 10  
 Systematic Techniques: 20 22 26 27 28 31  
 Ecological Interests: 34 37 40 42  
 48 51 52  
 Geographical Areas: southern Illinois; Ozarks; southern Appalachians; Mexico  
 Organism Specialties: Caudata; Plethodontidae; Ambystomatidae; Salamandridae; Sirenidae - *Ambystoma*, *Gyrinophilus*, *Notophthalmus*, *Pseudotriton*, *Siren*, *Desmognathus*, *Typhlotriton*, *Haideotriton*  
 Ecological Expertise: life history and reproduction of amphibians

#44

**Mr. Charles A. Bridges**

502 W. Main St., Apt. 120  
 Urbana, IL 61801

M.S. University of Illinois  
 Phone (217) 384-5778

Organisms Worked With: 12  
 Systematic Techniques: 20 21 27 28  
 Ecological Interests:

Geographical Areas: worldwide  
 Organism Specialties: Lepidoptera - *Rhopaiocena* - *Hesperiidae*  
 Ecological Expertise:

#45

**Dr. Allison R. Brigham**  
 Associate Professional Scientist  
 Illinois Natural History Survey  
 Section of Aquatic Biology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Phone (217) 333-0954

Organisms Worked With: 12 13 15  
 Systematic Techniques: 21  
 Ecological Interests: 38 41 42 43  
 47 50  
 Geographical Areas: Illinois

Organism Specialties: aquatic and semi-aquatic Heteroptera; aquatic Coleoptera  
 Ecological Expertise: environmental assessment through water quality and benthic macroinvertebrate community interactions

#46

**Dr. Warren U. Brigham**  
 Professional Scientist & Manager  
 Illinois Natural History Survey  
 Section of Faunistics  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Illinois 1972  
 Phone (217) 333-0954

Organisms Worked With: 12  
 Systematic Techniques: 20 21 23 27 28  
 Ecological Interests: 35 37 38 39 41 42 43 44 45  
 50 55 62  
 Geographical Areas: Illinois, statewide; North Carolina; South Carolina; worldwide  
 Organism Specialties: Insecta - Coleoptera - *Haliplidae* and aquatics  
 Ecological Expertise: environmental assessment, modelling, siting

#47

**Mr. David Francis Brinker**  
 Staff Ecologist  
 Dames & Moore  
 1550 Northwest Highway  
 Park Ridge, IL 60068

B.S. Univ. of Wisconsin-Green Bay 1977  
 Phone (312) 297-6120

Organisms Worked With: 1 2 3 8 9 10  
 Systematic Techniques: 21 27  
 Ecological Interests: 34 40 41  
 48 50 62 66  
 Geographical Areas: northern Illinois and Wisconsin  
 Organism Specialties: Accipitridae, Pandionidae, Cathartidae, Falconidae, Tytonidae, Strigidae  
 Ecological Expertise:

#48

**Mr. Bruce W. Brown**  
 Assistant Supportive Scientist  
 Illinois Natural History Survey  
 Section of Wildlife Research  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Illinois 1984  
 Phone (217) 333-6857

Organisms Worked With: 8  
 Systematic Techniques: 20  
 Ecological Interests: 34 40 41 42  
 46 52 55  
 Geographical Areas: Champaign, Iroquois and Kankakee Counties, Illinois  
 Organism Specialties: Rodentia - Sciuridae - *Sciurus* and *Tamiasciurus*  
 Ecological Expertise: small mammal population ecology and competition

#49

**Dr. Daniel D. Brown**  
 Superintendent  
 Macon Mosquito Abatement District  
 RR 1 Box 283c  
 Decatur, IL 62526

Ph.D. University of Illinois 1977

Phone (217) 875-2722

Organisms Worked With: 12  
 Systematic Techniques: 21 27 28  
 Ecological Interests: 37 38 39 41 42 43  
 52 64  
 Geographical Areas: Macon, Piatt, Champaign and Vermilion Counties, Illinois  
 Organism Specialties: Diptera - Culicidae - *Aedes vexans*, *A. trivittatus*, *A. triseriatus*, *Culex pipiens*, *C. restuans*, *C. salinarius*, *C. erraticus*  
 Ecological Expertise: population dynamics, flight activity, temporal-spatial-seasonal distribution, overwintering and general bionomics of Culicidae

#50

**Dr. Lauren E. Brown**  
 Professor  
 Illinois State University  
 Department of Biological Sciences  
 Normal, IL 61761

Ph.D. University of Texas-Austin 1967  
 Phone (309) 438-5990

Organisms Worked With: 10  
 Systematic Techniques: 20 21 27 28 31 33  
 Ecological Interests: 34 35 37 40 42 43 44 45  
 46 48 50 51 52 63 65

Geographical Areas: sand prairie along the Illinois River, valleys of the Illinois and Mackinaw Rivers, Illinois  
 Organism Specialties: Salientia - Bufonidae - *Bufo*; Ranidae - *Rana pipiens* complex; Hylidae - *Pseudoacris*, *Hyla*  
 Ecological Expertise: speciation, causes and effects of natural hybridization, relict populations; amphibian biology, reproductive ecology, fossorial ecology; ecology of floodplains and prairies

#51

**Dr. Sandra L. Brown**  
 Assistant Professor  
 University of Illinois  
 Department of Forestry  
 110 Mumford Hall, 1301 W. Gregory  
 Urbana, IL 61801

Ph.D. University of Florida 1978  
 Phone (217) 333-1643

Organisms Worked With: 1 2  
 Systematic Techniques:  
 Ecological Interests: 36 40 41 42 43 45  
 49 55 56 60

Geographical Areas: southern Illinois, north central Illinois; tropics, Latin America, especially Puerto Rico  
 Organism Specialties:

Ecological Expertise: organic matter dynamics of tropical forests and wetlands/bottomlands

#52

**Dr. Richard B. Brugam**  
 Associate Professor  
 Southern Illinois University  
 Department of Biological Sciences  
 Box 65b  
 Edwardsville, IL 62026

Ph.D. Yale University 1975  
 Phone (618) 656-3927

Organisms Worked With: 7 13  
 Systematic Techniques: 27  
 Ecological Interests: 37 38 41 43  
 62

Geographical Areas: Madison, St. Clair, Perry and Jackson Counties, Illinois  
 Organism Specialties: diatoms

Ecological Expertise: recovery of surface mine sites, especially neutralization of surface mine lakes

#53

**Mr. John Clay Bruner**  
 Collection Manager  
 Field Museum of Natural History  
 Geology Department  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605-2496

M.S. Northern Illinois University 1979  
 Phone (312) 922-9410

Organisms Worked With: 11  
 Systematic Techniques: 20 23 27  
 Ecological Interests: 37 38 40 42 43  
 47 50 52

Geographical Areas: Cook and Will Counties, Illinois; Indiana; Wyoming

Organism Specialties: Osteichthyes - Pomacentridae - Percidae

Ecological Expertise: systematics of fishes

#54

**Dr. Stephen M. Bryant**  
 Associate Professor  
 Western Illinois University  
 Department of Biology  
 Macomb, IL 61455

Ph.D. Univ. of California-Riverside 1975  
 Phone (309) 298-1374

Organisms Worked With: 12  
 Systematic Techniques: 21 22 26 27  
 Ecological Interests: 34 40 42  
 48

Geographical Areas: deserts and mountains of California and Colorado  
 Organism Specialties: *Drosophila*

Ecological Expertise: population ecology of *Drosophila*

#55

**Dr. D. Homer Buck**

Aquatic Biologist

Illinois Natural History Survey

Section of Aquatic Biology

Rt. 1

Kinmundy, IL 62854

Ph.D. Oklahoma State University 1951

Phone (618) 245-6348

Organisms Worked With: 1 7 10 11 12 13 15 16 18

Systematic Techniques: 27

Ecological Interests: 37 38 39 41 42 43 44 45

46 58

Geographical Areas: Marion County, Illinois

Organism Specialties:

Ecological Expertise: managed and artificial fish production systems

#56

**Mr. John E. Buhnerkempe**

Assistant Supportive Scientist

ENR - State Natural History Survey

Section of Wildlife Research

200 W. Wernsing

Effingham, IL 62401

M.S. Eastern Illinois University 1979

Phone (217) 347-5921

Organisms Worked With: 9

Systematic Techniques:

Ecological Interests: 34 35 40 41 43 44 45

46 47 48 52 58 62

Geographical Areas: Jasper and Marion Counties, Illinois

Organism Specialties:

Ecological Expertise: grassland ecology, avian community studies

#57

**Dr. William Carl Burger**

Curator

Field Museum of Natural History

Department of Botany

Roosevelt Road at Lake Shore Drive

Chicago, IL 60605

Ph.D. Washington University-St. Louis 1961

Phone (312) 922-9410

Organisms Worked With: 1

Systematic Techniques: 21 27 28

Ecological Interests:

51

Geographical Areas: Central America, Costa Rica

Organism Specialties: Central American Piperaceae and Lauraceae

Ecological Expertise:

#58

**Mr. Dale Paul Burkett**

Conservation Resource Manager II

Illinois Department of Conservation

Division of Fish &amp; Wildlife Resources

13608 Fox Road

Yorkville, IL 60560

M.S. Eastern Illinois University 1981

Phone (312) 553-6680

Organisms Worked With: 7 11 13 15

Systematic Techniques:

Ecological Interests: 37 38 39 41 42 43 45

46 47 50 55 62

Geographical Areas: Kendall, Will, Grundy and Kankakee Counties, Illinois

Organism Specialties:

Ecological Expertise: aquatic ecosystems in natural or man-made lentic water bodies; biomass distribution by guild, especially in the fish community

#59

**Dr. Christopher D. Burnett**

Assistant Wildlife Ecologist

Illinois Natural History Survey

Section of Wildlife Research

607 E. Peabody Drive

Champaign, IL 61820

Ph.D. Boston University 1982

Phone (217) 333-8907

Organisms Worked With: 1 2 8 9

Systematic Techniques: 20 21 27 31

Ecological Interests: 34 35 40 41 42 43 45

46 50 54 62 66

Geographical Areas: coal mining areas in Illinois; Great Lake states; New England states; Puerto Rico

Organism Specialties: bats: Chiroptera, Vespertilionidae, Eptesicus

Ecological Expertise: mammalian population ecology, especially bats; environmental assessment of surface mining; community ecology of agro-ecosystems

#60

**Dr. Brooks M. Burr**

Associate Professor

Southern Illinois University

Zoology Department

Carbondale, IL 62901

Ph.D. University of Illinois-U.C. 1977

Phone (618) 536-2314

Organisms Worked With: 11

Systematic Techniques: 20 21 22 23 27 28 30 31

Ecological Interests: 37 40 42

48

Geographical Areas: southern Illinois; Kentucky; Ozarks of Missouri; main channel of the Mississippi River; North Carolina; Mexico

Organism Specialties: Cypriniformes - Cyprinidae - Campostoma, Clinostomus, Notropis; Siluriformes - Noturus; Perciformes - Centrarchidae - Lepomis, Acantharcus; Percidae - Etheostoma

Ecological Expertise: life history studies of small, non-game fishes including analyses of growth, development, reproduction, diet and survivorship

#61

**Mr. Philip J. Burton**  
 Graduate Student  
 University of Illinois  
 Department of Plant Biology  
 289 Morrill Hall, 505 S. Goodwin Ave.  
 Urbana, IL 61801

M.S. University of Hawaii 1980  
 Phone (217) 333-8507

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 36 40 41 42 43 45

47 48 50 52 54 55 57 59 60 61 62 63 65

Geographical Areas: Champaign County, Illinois; Hawaiian Islands; Alberta and Northwest Territories, Canada

Organism Specialties:

Ecological Expertise: design and analysis of vegetation surveys and monitoring programs; surface coal mine revegetation; experimental and modelling approaches to studying mechanisms of plant succession

#62

**Dr. Robert G. Butz**  
 Group Leader  
 Velsicol Chemical Corp.  
 R. & D. Dept., Environmental Sciences  
 341 E. Ohio Street  
 Chicago, IL 60611

Ph.D. North Carolina State University 1978  
 Phone (312) 670-4831

Organisms Worked With: 1 5 7

Systematic Techniques: 26

Ecological Interests: 36 41 43

50 55 60 65

Geographical Areas:

Organism Specialties:

Ecological Expertise: fate of xenobiotics in terrestrial and aquatic ecosystems, especially in higher plants and bacteria

#63

**Dr. Joseph W. Camp, Jr.**  
 Assistant Professor  
 Mundelein College  
 Department of Biology  
 6363 Sheridan Road  
 Chicago, IL 60660

Ph.D. Wake Forest University 1980  
 Phone (312) 262-8100 Ext. 525

Organisms Worked With: 11 13 15

Systematic Techniques:

Ecological Interests: 37 40 42 44

52 66

Geographical Areas: DuPage and McLean Counties, Illinois

Organism Specialties:

Ecological Expertise: dynamics of parasite populations found in freshwater fishes, mollusks and crustaceans

#64

**Dr. Sidney Camras**  
 M.D.

5600 W. Addison Avenue #202  
 Chicago, IL 60634

M.D. Illinois Medical School 1944  
 Phone (312) 777-8696

Organisms Worked With: 12

Systematic Techniques: 20 27 28

Ecological Interests:

Geographical Areas: worldwide

Organism Specialties: Diptera - Conopidae

Ecological Expertise:

#65

**Mr. Thomas P. Carroll**  
 Graduate Student  
 University of Illinois  
 Department of Plant Biology  
 289 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

B.A. State Univ. of New York - Purchase 1983  
 Phone (217) 333-1298

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 36 38 40 42 43

47 48 49 51 52 56 57 58

Geographical Areas: Piatt and Champaign Counties, Illinois; New York State

Organism Specialties: Acer saccharum

Ecological Expertise: community classification; environmental factors affecting mortality and crop size

#66

**Mr. Stephen R. Carter**  
 Senior Scientist  
 Environ. Science & Engineering Inc.  
 Midwest Office  
 11665 Lilburn Park Road  
 St. Louis, MO 63146

B.S. University of Illinois 1971  
 Phone (314) 567-4600

Organisms Worked With: 11 12 13 15 16

Systematic Techniques: 20 21 27 28

Ecological Interests: 37 38 39 41 42 43 44 45

47 48 50 52 61 62

Geographical Areas: large midwestern river systems: Upper Mississippi, Missouri and Illinois Rivers

Organism Specialties: aquatic macroinvertebrates of the Midwest:

Ephemeroptera; Trichoptera; aquatic Diptera - Chironomidae; Oligochaeta  
 Ecological Expertise: aquatic macroinvertebrate ecosystems (benthic, drift, aufwuchs); impact assessment, thermal studies, entrainment and impingement

#67

**Dr. Everett D. Cashatt**

Assoc. Curator/Coord. Zool. Res.  
 Illinois State Museum  
 Department of Zoology  
 Spring & Edwards  
 Springfield, IL 62704

Ph.D. Catholic University of America 1968  
 Phone (217) 782-6689

Organisms Worked With: 12  
 Systematic Techniques: 21 27 28  
 Ecological Interests: 34 40 42  
 46 48 51 58  
 Geographical Areas: New World

Organism Specialties: microlepidoptera, Pyraloidea - Pyralidae  
 (Chrysauginae) and Pterophoridae  
 Ecological Expertise: life histories

#68

**Dr. Tsan Iang Chuang**

Professor  
 Illinois State University  
 Department of Biological Sciences  
 Normal, IL 61761

Ph.D. Univ. of California-Berkeley 1966  
 Phone (309) 438-7351

Organisms Worked With: 1  
 Systematic Techniques: 20 24 27 28 29  
 Ecological Interests: 34  
 51 59

Geographical Areas: central Illinois; western U.S.A., especially  
 California  
 Organism Specialties: Scrophulariaceae - Cordylanthus, Orthocarpus,  
 Castilleja; Umbelliferae - Perideridia  
 Ecological Expertise:

#69

**Mr. James M. Clark**

Graduate Student  
 University of Chicago  
 Department of Anatomy  
 1025 E. 57th Street  
 Chicago, IL 60637

M.A. Univ. of California-Berkeley 1984

Organisms Worked With: 10  
 Systematic Techniques: 20 23 27 28  
 Ecological Interests:

Geographical Areas: Colorado Plateau; Tamaulipas, Mexico  
 Organism Specialties: Crocodilia  
 Ecological Expertise:

#70

**Dr. Glen E. Collier**

Associate Professor  
 Illinois State University  
 Department of Biological Sciences  
 Normal, IL 61761

Ph.D. Cornell University 1976  
 Phone (309) 438-7280

Organisms Worked With: 12  
 Systematic Techniques: 22 26 33  
 Ecological Interests: 40 42 44  
 51 57

Geographical Areas:  
 Organism Specialties: Drosophila

Ecological Expertise:

#71

**Mr. Francis William Collins**

Chief, Environ. Analysis Branch  
 U.S. Corps Eng., Rock Island Distr.  
 Planning Div., Environ. Analysis Branch  
 Clock Tower Bldg. Annex  
 Rock Island, IL 61201

M.S. University of Louisville 1955  
 Phone (309) 788-6361 Ext. 2685

Organisms Worked With: 1 8 9 11 12 15  
 Systematic Techniques: 21 27 28  
 Ecological Interests: 36 37 41 42 43 45  
 46 52 54 60 61 62 63

Geographical Areas: Kentucky

Organism Specialties:

Ecological Expertise: quail and deer ecology; surface mine reclamation

#72

**Mr. Patrick J. Conway**

4533 Stanley  
 Downers Grove, IL 60515

Phone (312) 852-5934

Organisms Worked With: 12  
 Systematic Techniques: 21 28  
 Ecological Interests: 34 42 43 45  
 50 52 54 60 61 62 63

Geographical Areas: North America, especially Illinois, Great Plains  
 states, Upper Rocky Mountain states

Organism Specialties: Nearctic Lepidoptera, especially Rhopalocera  
 Ecological Expertise: distribution and identification of Rhopalocera;  
 (personal collection of 15,000 + specimens of Nearctic Lepidoptera)

#73

**Dr. Michael J. Corn**

Professor  
 College of Lake County  
 Division of Biological & Health Sciences  
 19351 W. Washington Street  
 Grayslake, IL 60030

Ph.D. University of Florida 1981  
 Phone (312) 223-6601

Organisms Worked With: 10  
 Systematic Techniques: 21 27 31  
 Ecological Interests: 35 42 43  
 48 49 57

Geographical Areas: Central America - Costa Rica; northeast Illinois  
 - Lake, Cook, McHenry, DuPage, Kane and Will Counties  
 Organism Specialties: Squamata, especially *Anolis*

Ecological Expertise:

#74

**Dr. Robert S. Corruccini**

Associate Professor  
 Southern Illinois University  
 Department of Anthropology  
 Carbondale, IL 62901

Ph.D. Univ. of California-Berkeley 1975  
 Phone (618) 536-6651

Organisms Worked With: 8  
 Systematic Techniques: 20 23 27 30  
 Ecological Interests:

51 53

Geographical Areas: India; Italy  
 Organism Specialties: primates

Ecological Expertise:

#75

**Dr. Suzanne H. Costanza**

Research Associate  
 University of Illinois  
 Department of Agronomy  
 1102 S. Goodwin Ave.  
 Urbana, IL 61801

Ph.D. University of Illinois-U.C. 1984  
 Phone (217) 333-0842

Organisms Worked With: 1 2 3  
 Systematic Techniques: 20 27 28 29 33  
 Ecological Interests: 35 36 40 41 42  
 51 54 58 59 60

Geographical Areas:

Organism Specialties: extinct Coniferophytes - Cordaitales -  
 Cordaitaceae - Mesoxylon, Pennsylvanioxylon; modern Poaceae - Eragrostis  
 Ecological Expertise: paleoecology

#76

**Mr. Kirby D. Cottrell**

Hatcheries Program Manager  
 Illinois Department of Conservation  
 Sand Ridge Fish Hatchery  
 P.O. Box 560  
 Manito, IL 61546

M.S. University of Tennessee 1976  
 Phone (309) 968-7531

Organisms Worked With: 11 7  
 Systematic Techniques: 26  
 Ecological Interests: 37 39 41 44 45  
 58

Geographical Areas:

Organism Specialties:

Ecological Expertise: plankton dynamics

#77

**Mr. David C. Cowgill**

Physical Scientist  
 U.S. Army Corps of Engineers  
 North Central Division - NCDED-WQ  
 536 S. Clark Street  
 Chicago, IL 60605

M.S. Indiana University 1977  
 Phone (312) 353-6354

Organisms Worked With:  
 Systematic Techniques:  
 Ecological Interests: 37 38 39 41 43 45  
 50 55 56 62

Geographical Areas:

Organism Specialties:

Ecological Expertise: limnology, aquatic ecology, water and sediment  
 chemistry

#78

**Dr. Joel Cracraft**

Associate Professor  
 University of Illinois at Chicago  
 Department of Anatomy  
 P.O. Box 6998  
 Chicago, IL 60680

Ph.D. Columbia University 1969  
 Phone (312) 996-4955

Organisms Worked With: 9  
 Systematic Techniques: 20 21 23 27  
 Ecological Interests:

Geographical Areas: Australasia and tropical America

Organism Specialties: Aves

Ecological Expertise: biogeography and speciation analysis

#79

**Dr. David M. Craig**

Assistant Professor

Rosary College

Department of Natural Sciences

7900 West Division

River Forest, IL 60305

Ph.D. University of Illinois - Chicago 1980

Phone (312) 366-2490 Ext. 403

Organisms Worked With: 12

Systematic Techniques:

Ecological Interests: 34 40 44

48 51 55

Geographical Areas:

Organism Specialties:

Ecological Expertise: population biology - group selection, life history theory, competition theory

#80

**Dr. J. Leland Crane**

Mycologist

Illinois Natural History Survey

Section of Botany &amp; Plant Pathology

607 E. Peabody Drive

Champaign, IL 61820

Ph.D. University of Maryland 1967

Phone (217) 333-6887

Organisms Worked With: 5 6

Systematic Techniques: 25 27 28 33

Ecological Interests: 38 40 42

Geographical Areas: cypress swamps of southern Illinois; Neotropics

Organism Specialties: Hyphomycetes, Ascomycetes, Torula

Ecological Expertise:

#81

**Dr. David C. Culver**

Professor

Northwestern University

Dept. of Ecology &amp; Evolutionary Biology

Evanston, IL 60201

Ph.D. Yale University 1970

Phone (312) 492-7199

Organisms Worked With: 1 12 13

Systematic Techniques:

Ecological Interests: 34 35 37 38 40 42

51 58

Geographical Areas: Colorado, West Virginia, Virginia

Organism Specialties:

Ecological Expertise: cave biology; theoretical ecology; ant-plant interactions

#82

**Dr. Charles L. Davis**

Assistant Professor

McKendree College

Division of Science and Math

901 College Road

Lebanon, IL 62254

Ph.D. Oregon State University 1980

Phone (618) 537-4481

Organisms Worked With: 10 12 15

Systematic Techniques: 22 26 27

Ecological Interests: 34 37 38 40 42

51 52

Geographical Areas: Pacific Coast

Organism Specialties: *Tribolium* flour beetles; *Thais* snails

Ecological Expertise: ecological genetics, sex ratio evolution

#83

**Dr. Johannes M. J. DeWet**

Professor

University of Illinois

Department of Agronomy

1102 S. Goodwin Ave.

Urbana, IL 61801

Ph.D. Univ. of California-Berkeley 1952

Phone (217) 333-9458

Organisms Worked With: 1

Systematic Techniques: 22 24 26 27 28 31

Ecological Interests: 34 43

Geographical Areas: Africa; Asia, especially India; tropical America, especially Mexico, Venezuela and Columbia

Organism Specialties: Poaceae

Ecological Expertise:

#84

**Dr. Jonathan P. Dey**

Associate Professor

Illinois Wesleyan University

Department of Biology

Sherff Hall

Bloomington, IL 61701

Ph.D. Duke University 1975

Phone (309) 556-3060

Organisms Worked With: 6

Systematic Techniques: 20 21 22 27 28 30

Ecological Interests: 34 35 36 40 42 43

47 48 50 52 63

Geographical Areas: Illinois; Mammoth Cave National Park, Kentucky; southern Appalachian Mountains

Organism Specialties: fruticose and foliose lichens

Ecological Expertise: lichen species inventory

#85

**Dr. Michael O. Dillon**

Assistant Curator  
 Field Museum of Natural History  
 Botany Department  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605-2496

Ph.D. University of Texas-Austin 1976  
 Phone (312) 922-9410 Ext. 384

Organisms Worked With: 1  
 Systematic Techniques: 21 24 27 28 29  
 Ecological Interests:

Geographical Areas: Neotropics, especially Peru

Organism Specialties: Asteraceae

Ecological Expertise:

#86

**Dr. Boyce A. Drummond**

Assistant Professor  
 Illinois State University  
 Department of Biological Sciences  
 Normal, IL 61761

Ph.D. University of Florida 1976  
 Phone (309) 438-7694

Organisms Worked With: 12  
 Systematic Techniques: 21 24 31  
 Ecological Interests: 35 40 42

46 48 51 52 58

Geographical Areas: McLean County, Illinois; Colorado, Arkansas; Ecuador

Organism Specialties: Lepidoptera - Rhopalocera (Papilionoidea),

especially Nymphalidae - Ithomiinae

Ecological Expertise: insect population ecology, tropical community ecology, behavioral and reproductive ecology of Lepidoptera

#87

**Ms. Heidi Lorentzen Dunn**

Aquatic Biologist  
 Environ. Science & Engineering Inc.  
 Ecology Division  
 11665 Lilburn Park Road  
 St. Louis, MO 63146

B.S. Purdue University 1979  
 Phone (314) 567-4600

Organisms Worked With: 11 15 16

Systematic Techniques:

Ecological Interests: 37 38 39 41 43 45

50 52

Geographical Areas: Mississippi River and tributaries; Missouri, Texas, Illinois

Organism Specialties: fish, especially Percids and Cyprinids;

Unionidae; Oligochaeta

Ecological Expertise:

#88

**Dr. Leonard Durham**

Director & Assistant Dean  
 Eastern Illinois University  
 Department of Environmental Biology  
 Charleston, IL 61920

Ph.D. University of Illinois 1955  
 Phone (217) 581-3011

Organisms Worked With: 10 11 15

Systematic Techniques: 27

Ecological Interests: 37 38 41 42 43 44 45

48 50 52 56 62

Geographical Areas: Coles, Cumberland and Clark Counties, Illinois; Midwest states

Organism Specialties: Centrarchidae, Percidae

Ecological Expertise: fisheries management, age and growth of fishes, population studies

#89

**Mr. Jon R. Duyvejonck**

General Biologist  
 U.S. Army Corps of Engineers  
 Planning Division  
 Clock Tower Building  
 Rock Island, IL 61201

M.S. Illinois State University 1978  
 Phone (309) 788-6361

Organisms Worked With: 11 15

Systematic Techniques:

Ecological Interests: 37 40 42

50

Geographical Areas: Mississippi River, Pools 11-22; Mackinaw River, Illinois

Organism Specialties:

Ecological Expertise: distribution and movements of fishes in channelized streams

#90

**Dr. Anthony J. Dvorak**

Associate Division Director  
 Argonne National Laboratory  
 Environmental Research Division  
 9700 S. Cass Avenue  
 Argonne, IL 60439

Ph.D. University of Oklahoma 1973  
 Phone (312) 972-3117

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 36 40 41 42 43

50 57 61 63

Geographical Areas: Macoupin County, Illinois; Red Desert, Wyoming

Organism Specialties:

Ecological Expertise: grassland ecology; disturbed lands reclamation ecology and succession

#91

**Dr. William G. Dyer**  
 Professor & Associate Dean  
 Southern Illinois University  
 Department of Zoology  
 Carbondale, IL 62901

Ph.D. Colorado State University 1965  
 Phone (618) 536-2314

Organisms Worked With: 16 19  
 Systematic Techniques: 20 28  
 Ecological Interests: 37

Geographical Areas: Puerto Rico, Mexico, South America  
 Organism Specialties: digenetic trematodes of marine fish

Ecological Expertise:

#92

**Dr. Bohdan Dziadk**  
 Assistant Professor  
 Augustana College  
 Department of Biology  
 639 38th Street  
 Rock Island, IL 61201

Ph.D. North Dakota State University 1982  
 Phone (309) 794-7331

Organisms Worked With: 1  
 Systematic Techniques: 21 27  
 Ecological Interests: 35 38 40 42 43  
 47 60 63 66

Geographical Areas: Rock Island County and the entire prairie  
 peninsula region, Illinois; Clay County, Minnesota  
 Organism Specialties: Poaceae

Ecological Expertise: grassland ecology, especially tallgrass prairie

#93

**Dr. John E. Ebinger**  
 Professor  
 Eastern Illinois University  
 Department of Botany  
 Charleston, IL 61920

Ph.D. Yale University 1961  
 Phone (215) 581-3525

Organisms Worked With: 1 2 3  
 Systematic Techniques: 27 28  
 Ecological Interests: 35 40 42  
 47 52

Geographical Areas: Illinois, Indiana  
 Organism Specialties: Poaceae of Illinois

Ecological Expertise: vegetation analysis of forest communities in Illinois

#94

**Dr. William R. Edwards**  
 Ecologist  
 Illinois Natural History Survey  
 Section of Wildlife Research  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Illinois-U.C. 1975  
 Phone (217) 333-6857

Organisms Worked With: 8 9  
 Systematic Techniques: 21 31  
 Ecological Interests: 34 35 40 41 42 43 45  
 48 50 52 54 56 58 59 60 61 62 63

Geographical Areas: Illinois; agricultural areas of the Midwest  
 prairies and their forest ecotones

Organism Specialties: Sylvilagus, Scolopax minor; Galliformes,  
 Zenaida macroura  
 Ecological Expertise: population ecology of upland game birds, mammals,  
 and their habitats; relationships of wildlife to intensive agriculture;  
 upland game wildlife management; secondary succession

#95

**Dr. Gary E. Eertmoed**  
 Professor  
 Chicago State University  
 Department of Biology  
 95th Street & King Drive  
 Chicago, IL 60628

Ph.D. University of Illinois 1969  
 Phone (312) 995-2206

Organisms Worked With: 12  
 Systematic Techniques: 20 21 23 27 28 30 31  
 Ecological Interests:

52

Geographical Areas: Illinois, Minnesota, Wisconsin, Michigan;  
 Ontario, Canada; Central America and South America

Organism Specialties: Insecta - Psocoptera

Ecological Expertise:

#96

**Mr. William J. Elzinga**  
 Biologist  
 Union Electric Company  
 Environmental Services  
 1901 Gratiot Street  
 St. Louis, MO 63166

M.S. S. Illinois Univ.-Edwardsville 1984  
 Phone (314) 554-3156

Organisms Worked With: 1 19  
 Systematic Techniques: 29  
 Ecological Interests: 35 40 42 43  
 50 52 59 61 63

Geographical Areas: southern Illinois; Callaway County, Missouri

Organism Specialties:

Ecological Expertise: plant ecology of forests and old fields

#97

**Dr. John J. Engel**  
 Associate Curator  
 Field Museum of Natural History  
 Department of Botany  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

Ph.D. Michigan State University 1972  
 Phone (312) 922-9410

Organisms Worked With: 4  
 Systematic Techniques: 21 27 28  
 Ecological Interests:

Geographical Areas: New Zealand, Tasmania, southern South America

Organism Specialties: Hepaticae - Schistochilaceae, Geocalycaceae

Ecological Expertise:

#98

**Dr. Dan K. Evans**  
 Associate Professor/Curator  
 Marshall University  
 Department of Biological Sciences  
 Hal Greer Blvd.  
 Huntington, WV 25701

Ph.D. So. Illinois Univ.-Carbondale 1974  
 Phone (304) 696-6467

Organisms Worked With: 1  
 Systematic Techniques: 20 21 24 27 28  
 Ecological Interests: 35 38 40 42 43  
 47

Geographical Areas: Illinois, West Virginia

Organism Specialties: Cyperaceae - Carex

Ecological Expertise: wetland and riparian ecology

#99

**Dr. Robert A. Evers**  
 Botanist Emeritus  
 Illinois Natural History Survey  
 Department of Botany and Plant Pathology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Illinois 1952  
 Phone (217) 333-6886

Organisms Worked With: 1 2 3  
 Systematic Techniques:  
 Ecological Interests: 35

Geographical Areas: Illinois, all counties

Organism Specialties:

Ecological Expertise: natural areas, hill prairies

#100

**Dr. Bill W. Falls**  
 Assistant Hatchery Manager  
 Illinois Department of Conservation  
 Sand Ridge Fish Hatchery  
 Box 560  
 Manito, IL 61546

Ph.D. University of Southern Mississippi 1983  
 Phone (309) 968-7531

Organisms Worked With: 11  
 Systematic Techniques: 20 26  
 Ecological Interests:

Geographical Areas: Illinois water bodies, including Lake Michigan

Organism Specialties: Percichthyidae, Salmonidae, Ictaluridae, Centrarchidae, Cyprinidae, Esocidae

Ecological Expertise:

#101

**Mrs. Judith L. Faulkner**  
 Nat. Areas Preservation Specialist  
 The Nature Conservancy  
 Southern Illinois Field Office  
 RR 2 Box 178  
 Murphysboro, IL 62966

M.A. So. Illinois Univ.-Carbondale 1972  
 Phone (618) 684-2660

Organisms Worked With: 1 2 3 8 9  
 Systematic Techniques:  
 Ecological Interests: 35 36 41 42  
 47 50 58 59 60 62

Geographical Areas:

Organism Specialties:

Ecological Expertise: natural area identification and management

#102

**Mr. George B. Fell**  
 Executive Director  
 Natural Land Institute  
 320 S. Third Street  
 Rockford, IL 61108

M.S. University of Michigan 1940  
 Phone (815) 964-6666

Organisms Worked With: 1 3  
 Systematic Techniques:  
 Ecological Interests: 36 39 42  
 47 54 62

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: natural area preservation and management

#103

**Dr. John W. Fitzpatrick**

Associate Curator

Field Museum of Natural History  
Division of Birds  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605Ph.D. Princeton University 1978  
Phone (312) 922-9410Organisms Worked With: 9  
Systematic Techniques: 21 23 27 28 31  
Ecological Interests: 34 35 40 42  
46 48 51

Geographical Areas: Florida; Peru, Brazil, Venezuela

Organism Specialties: Passeriformes: Tyrannidae, Cotingidae, Pipridae, Corvidae, Formicariidae  
Ecological Expertise: island biogeography, foraging strategies, population dynamics and demography, evolution of social systems

#104

**Dr. Jack Fooden**Research Associate  
Field Museum of Natural History  
Division of Mammals  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605Ph.D. University of Chicago 1960  
Phone (312) 922-9410 Ext. 275Organisms Worked With: 8  
Systematic Techniques: 20 21 27 28  
Ecological Interests: 36 40 42  
46 51

Geographical Areas: southern and eastern Asia

Organism Specialties: primates - Macaca

Ecological Expertise: interspecific relationships

#105

**Dr. Susan M. Ford**Assistant Professor  
Southern Illinois University  
Department of Anthropology  
Carbondale, IL 62901Ph.D. University of Pittsburgh 1980  
Phone (618) 536-6651Organisms Worked With: 8  
Systematic Techniques: 20 21 23 27  
Ecological Interests:Geographical Areas: Neotropics  
Organism Specialties: primates - Platyrhini

Ecological Expertise:

#106

**Dr. George Lawrence Forman**Professor & Chairman  
Rockford College  
Department of Biology  
5050 East State  
Rockford, IL 61101Ph.D. University of Kansas 1969  
Phone (815) 226-4133Organisms Worked With: 8  
Systematic Techniques: 20 24 27 31  
Ecological Interests:

51

Geographical Areas: North America, Central America, Paleotropics

Organism Specialties: bats, especially Phyllostomidae, Vespertilionidae, Pteropidae  
Ecological Expertise:

#107

**Dr. Merrill White Foster**Professor  
Bradley University  
Department of Geological Sciences  
Peoria, IL 61625Ph.D. Harvard University 1970  
Phone (309) 676-7611 Ext. 462Organisms Worked With: 15 17 19  
Systematic Techniques: 20 21 23 24 25 27 28 30 31  
Ecological Interests: 37 38 39 40 42 43  
46 47 48 50 51 52 58 63

Geographical Areas: central Illinois, seas around Antarctica and the subantarctic islands; seas around the Azores Islands

Organism Specialties: Hydrozoa, Scyphozoa - Terebratulida, Rhynchonellida, Strophomenida, Orthida, Spiriferida, Acrotretida - Prosobranchia

Ecological Expertise: marine ecology (brachiopods), community structure and interrelationships of communities, species and populations to physical, chemical, biological and geographic factors; Pennsylvanian plankton comm.

#108

**Dr. Robin B. Foster**Research Associate  
Field Museum of Natural History  
Department of Botany  
Roosevelt Road at Lake Shore Drive  
Chicago, IL 60605Ph.D. Duke University 1974  
Phone (312) 922-9410Organisms Worked With: 1 2 3 12  
Systematic Techniques: 21 27 28 31  
Ecological Interests: 34 35 36 40 42  
47 48 50 51 52 58 59 60 62 63 66

Geographical Areas: South America and Central America, especially Peru, Ecuador, Panama and Costa Rica; Paleotropics

Organism Specialties: neotropical forest genera

Ecological Expertise: tropical forest community ecology and floristics

#109

**Dr. James S. Fralish**

Associate Professor  
 Southern Illinois University  
 Department of Forestry  
 Carbondale, IL 62901

Ph.D. University of Wisconsin-Madison 1969  
 Phone (618) 453-3341

Organisms Worked With: 1 2

Systematic Techniques:

Ecological Interests: 35 42 43 45  
 54 55 56 59 60 62 63 66

Geographical Areas: southern Illinois, western Kentucky  
 Organism Specialties:

Ecological Expertise: forest community-site relationships; succession  
 models; site index models; forest community-fire relationships; habitat  
 typing; natural areas

#110

**Dr. Dorothea S. Franzen**

Professor Emeritis  
 Illinois Wesleyan University  
 Department of Biology  
 Bloomington, IL 61701

Ph.D. University of Kansas 1946  
 Phone (309) 556-3187

Organisms Worked With: 15

Systematic Techniques: 20 24 27

Ecological Interests:

Geographical Areas: mollusk family Succineidae throughout the U.S.A.  
 Organism Specialties: mollusks: Pupillidae - Succineidae - Succinea,  
 Oxyloma, Catinella  
 Ecological Expertise:

#111

**Mr. Sanford Friedman**

Curator & Chairman  
 Chicago Zoological Park  
 Mammal Department  
 3300 Golf Road  
 Brookfield, IL 60513

B.S. State Univ. of New York-Stony Brook 1975

Organisms Worked With: 8 14

Systematic Techniques: 26

Ecological Interests: 34 41 44  
 46 48

Geographical Areas: Kankakee County, Illinois

Organism Specialties: Rodentia: Geomyidae - Geomys, Castoridae -  
 Castor; Carnivora: Mustelidae - Mustela, Gulo; Felidae - Panthera,  
 Felis

Ecological Expertise: parasite ecology; captive breeding and management

#112

**Dr. Richard C. Funk**

Professor  
 Eastern Illinois University  
 Department of Zoology  
 Charleston, IL 61920

Ph.D. University of Kansas 1968  
 Phone (217) 581-2926

Organisms Worked With: 12 14

Systematic Techniques: 21 23 27 28 30

Ecological Interests: 34 40 42

Geographical Areas: worldwide

Organism Specialties: Acari - Trigynaspida - Celaenopsoidea -

Euzerconidae, Diplogyniidae, Schizogyniidae

Ecological Expertise: phoresy and other symbiotic relationships

#113

**Dr. Keith Garbutt**

Research Associate  
 Harvard University  
 Dept. of Organismic & Evolutionary Biology  
 16 Divinity Avenue  
 Cambridge, MA 02138

Ph.D. University of Wales 1981  
 Phone (617) 495-8791

Organisms Worked With: 1

Systematic Techniques: 26 31

Ecological Interests: 34 42 44 45  
 48 51 55 57 58 59 65 66

Geographical Areas: Champaign County, Illinois; Great Britain

Organism Specialties: Cruciferae - Capsella, Sinapis

Ecological Expertise: ecological genetics, demography, reproductive  
 biology, plant breeding; effects of elevated carbon dioxide concentrations

#114

**Mr. Scott P. Garrow**

District Wildlife Manager  
 Illinois Department of Conservation  
 Fish & Wildlife Resources  
 P.O. Box 395  
 Lisle, IL 60532

B.S. Univ. of Wisconsin-Stevens Point 1975  
 Phone (312) 964-5132

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 36 41 45  
 62

Geographical Areas: Cook, Lake, McHenry and DuPage Counties, Illinois

Organism Specialties:

Ecological Expertise: urban wildlife ecology

#115

**Dr. Nancy C. Garwood**

Assistant Professor  
 Loyola University of Chicago  
 Department of Biology  
 6525 N. Sheridan Road  
 Chicago, IL 60626

Ph.D. University of Chicago 1979  
 Phone (312) 508-3284

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 40 42 43  
 51 58 63

Geographical Areas: Cook County, Illinois; Panama; Papua New Guinea

Organism Specialties:

Ecological Expertise: tropical plant ecology; pollination ecology

#116

**Dr. William G. George**

Professor  
 Southern Illinois University  
 Department of Zoology  
 Carbondale, IL 62901

Ph.D. University of Arizona 1961  
 Phone (618) 536-2314

Organisms Worked With: 8 9

Systematic Techniques: 20 21 27 31

Ecological Interests: 34 35 36 40 41 42 43 44  
 46 48 51 52

Geographical Areas: Union County and adjacent areas, Illinois

Organism Specialties: Mammalia - Felis, Mustella; most orders;

Aves - oscines; Indicatoridae

Ecological Expertise: predator-prey relationships between the domestic cat and the vertebrate fauna

#117

**Dr. Robert V. Gessner**

Associate Professor  
 Western Illinois University  
 Department of Biological Sciences  
 Macomb, IL 61455

Ph.D. University of Rhode Island 1975  
 Phone (309) 298-1145

Organisms Worked With: 5

Systematic Techniques: 21

Ecological Interests: 34 35 37 40 41 42  
 48 52 63

Geographical Areas: west central Illinois

Organism Specialties: higher fungi, morels, ectomycorrhizae

Ecological Expertise: fungal ecology, saltmarsh fungi, marine fungi

#118

**Dr. Lowell L. Getz**

Professor  
 University of Illinois  
 Dept. of Ecology, Ethology & Evolution  
 606 E. Healey Street  
 Champaign, IL 61820

Ph.D. University of Michigan 1960  
 Phone (217) 333-6516

Organisms Worked With: 8 15

Systematic Techniques:

Ecological Interests: 34 40 43 45  
 46 48 52

Geographical Areas: Champaign County, Illinois

Organism Specialties: gastropods

Ecological Expertise: population ecology

#119

**Mr. William D. Glass**

Natural Heritage Biologist  
 Illinois Department of Conservation  
 One First National Bank Plaza, Suite 519  
 17th and Halsted Streets  
 Chicago, IL 60411

M.S. University of Illinois - Chicago 1982  
 Phone (312) 754-0947

Organisms Worked With: 1

Systematic Techniques: 21

Ecological Interests: 34 41 42  
 62

Geographical Areas: northern Iowa; Illinois

Organism Specialties: Asclepidaceae, Fabaceae, Solidago

Ecological Expertise: prairies, natural areas

#120

**Dr. Sidney F. Glassman**

Professor  
 University of Illinois at Chicago  
 Department of Biological Sciences  
 P.O. Box 4348  
 Chicago, IL 60680

Ph.D. University of Oklahoma 1950  
 Phone (312) 996-2993

Organisms Worked With: 1

Systematic Techniques: 20 21 22 27 28

Ecological Interests: 40  
 51

Geographical Areas: Brazil, Columbia, Venezuela, Peru; Central America

Organism Specialties: Palmae, especially genera in the Cocos alliance

Ecological Expertise: vegetation of northeast Brazil and of palm communities

#121

**Dr. George L. Godfrey**

Associate Insect Taxonomist  
 Illinois Natural History Survey  
 Sect. Faunistics & Insect Identification  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. Cornell University 1970  
 Phone (217) 333-6846

Organisms Worked With: 12  
 Systematic Techniques: 21 27 28 33  
 Ecological Interests: 35 40 42 45  
 46 47 48 58

Geographical Areas: Midwest and Rocky Mountain states

Organism Specialties: Lepidoptera - Noctuidae and Notodontidae

Ecological Expertise:

#122

**Ms. Doris Armstrong Goldman**

Graduate Student  
 University of Illinois  
 Dept. of Ecology, Ethology & Evolution  
 606 E. Healey Street  
 Champaign, IL 61820

M.S. Ohio State University 1976  
 Phone (217) 333-2235

Organisms Worked With: 1 12  
 Systematic Techniques: 26 31  
 Ecological Interests: 34 37 40 41 42 44  
 48 49 53 55 56 58 59

Geographical Areas: Spring Lake Conservation Area and Vermilion County, Illinois; central Ohio

Organism Specialties: *Zizania*, *Helianthus*, *Corylus*; Apoidea

Ecological Expertise: pollination of Asteraceae and *Corylus*; *Zizania* biology; composition of fruit pulps; foraging behavior of flower-visiting insects; sex ratios; human energy budgets

#123

**Mr. Robert Dan Gooch**

Superintendent Natural Resources  
 Forest Preserve Dist. DuPage Co.  
 Natural Resources Department  
 185 Spring Street/P.O. Box 2339  
 Glen Ellyn, IL 60138

M.S. Iowa State University 1972  
 Phone (312) 790-4900

Organisms Worked With: 1 3 4 5 7 8 9 10 11 12 13 15  
 Systematic Techniques: 21 27 31  
 Ecological Interests: 34 35 36 37 38 39 40 42  
 47 48 50 52 61 62 63

Geographical Areas: DuPage County, Illinois

Organism Specialties: pteridophytes, bryophytes, algae

Ecological Expertise: reproduction of ferns

#124

**Dr. Michael A. Goodrich**

Professor & Chairman  
 Eastern Illinois University  
 Department of Zoology  
 Charleston, IL 61920

Ph.D. Pennsylvania State University 1964  
 Phone (217) 581-3126

Organisms Worked With: 10 12  
 Systematic Techniques: 20 21 23 27 28  
 Ecological Interests:

Geographical Areas:

Organism Specialties: New World Cetoniinae (Scarabaeidae-Coleoptera), world Byturidae (Coleoptera)  
 Ecological Expertise:

#125

**Ms. Dianna M. Goodwin**

Graduate Student  
 University of Illinois at Chicago  
 Department of Biological Sciences  
 P.O. Box 4348  
 Chicago, IL 60680

M.S. Univ. of California-Davis 1978  
 Phone (312) 996-2603

Organisms Worked With: 1 12  
 Systematic Techniques: 27  
 Ecological Interests: 44 45

46 48 51 52 58 59 60 65 66

Geographical Areas: Kane & McHenry Counties, Illinois

Organism Specialties: *Diabrotica virgifera*, *D. longicornis*

Ecological Expertise: agricultural ecology, insect/weed pest management, insect evolution

#126

**Dr. Robert W. Gorden**

Section Head  
 Illinois Natural History Survey  
 Section of Aquatic Biology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Georgia 1967  
 Phone (217) 333-6890

Organisms Worked With: 19  
 Systematic Techniques:  
 Ecological Interests: 37 38 39 40 41 42 43 44 45

49 63 66

Geographical Areas: Mississippi River at Pools 19 and 26; Marion County, Illinois

Organism Specialties:

Ecological Expertise: microbial ecology; bacterial activities in freshwater and thermal ecosystems; methane production

#127

**Mr. Keith C. Govro**  
 Department Head  
 Environ. Science & Engineering Inc.  
 Ecology Department  
 11665 Lilburn Park Road  
 St. Louis, MO 63146

M.S. Iowa State University 1977  
 Phone (314) 567-4600

Organisms Worked With: 1 2 7 8 9 10 11

Systematic Techniques:

Ecological Interests: 34 35 36 37 38 39 40 41 42 43 45  
 47 50 52 56 61 62

Geographical Areas: central Illinois; central and northern Missouri;  
 central and south-central U.S.

Organism Specialties:

Ecological Expertise: water quality impacts on biotic systems; aquatic  
 toxicology; limnology; ecological impact assessment; community-habitat  
 description; land usage relative to water quality

#128

**Dr. Russell W. Graham**  
 Associate Curator  
 Illinois State Museum  
 Department of Vertebrate Paleontology  
 Spring and Edwards  
 Springfield, IL 62706

Ph.D. University of Texas-Austin 1976  
 Phone (217) 785-4844

Organisms Worked With: 8

Systematic Techniques: 20 21 27 28

Ecological Interests: 35 36 40 42  
 47 51 53 54 58 66

Geographical Areas: Illinois; eastern Missouri

Organism Specialties: insectivores - Soricidae; Proboscidea;  
 rodents - microtines

Ecological Expertise: paleoecology, community evolution

#129

**Dr. David W. Greenfield**  
 Dean & Assoc. Provost for Research  
 Northern Illinois University  
 The Graduate School  
 De Kalb, IL 60115

Ph.D. University of Washington 1966  
 Phone (815) 753-1883

Organisms Worked With: 11

Systematic Techniques: 21 22 23 24 26 27 28

Ecological Interests: 38 40 42  
 46 47 50 51

Geographical Areas: northern Illinois; Central America, especially  
 Belize and Honduras

Ecological Expertise: resource sharing, competition, community structure

#130

**Dr. Thomas Alan Griffiths**  
 Assistant Professor  
 Illinois Wesleyan University  
 Department of Biology  
 Beecher Avenue  
 Bloomington, IL 61702

Ph.D. University of Massachusetts 1981  
 Phone (309) 556-3230

Organisms Worked With: 8

Systematic Techniques: 20 21 23 27 28 33

Ecological Interests:  
 51

Geographical Areas: central Illinois; New England; upstate New York;  
 Central America; South America; West Indies

Organism Specialties: Chiroptera, especially Phyllostomidae and  
 Vespertilionidae

Ecological Expertise:

#131

**Dr. Paul Gross**  
 Assistant Professor  
 University of Maryland  
 Department of Entomology  
 College Park, MD 20742

Ph.D. University of Illinois 1985  
 Phone (301)454-7124

Organisms Worked With: 1 2 12

Systematic Techniques:

Ecological Interests: 34 35 40 42 45  
 46 48 51 52 58 63 65

Geographical Areas: Mason Co., Illinois; Maryland  
 Organism Specialties: Lepidoptera, Hymenoptera

Ecological Expertise: three trophic levels interactions; parasitoid  
 ecology

#132

**Mr. Robert F. Gruenewald**

430 George St.  
 Clifton, IL 60927

Phone (815) 694-2554

Organisms Worked With: 1 2 3 5 8 9 10 11 12 14

Systematic Techniques: 21 28

Ecological Interests: 34 37 40  
 52

Geographical Areas: east central Illinois; northeast Iowa

Organism Specialties:

Ecological Expertise: wildlife population dynamics

#133

**Dr. Robert W. Guth**

Executive Director

RPF Ecological Associates, Inc.

727 Reba Place

Evanston, IL 60202-2616

Ph.D. Northwestern University 1980

Phone (312) 328-5915

Organisms Worked With: 1 9

Systematic Techniques: 21

Ecological Interests: 34 35 42 43 45

47 48 50 51 52 58 63

Geographical Areas: northern and central Illinois; northern Indiana

Organism Specialties: Columbiformes, Piciformes, Passeriformes

Ecological Expertise: urban birds; agricultural wildlife; prairie vegetation and birds

#134

**Mrs. Martha E. Hall**

Phycologist

WAPORA Inc.

11916 Glenpark Drive

Maryland Heights, MO 63043

M.S. Eastern Illinois University 1974

Phone (314) 298-0163

Organisms Worked With: 7

Systematic Techniques: 20 21 24 27 28

Ecological Interests: 37 38 39 41 42 43 44 45

47 50 52 63

Geographical Areas: Midwest states

Organism Specialties: freshwater algae

Ecological Expertise: freshwater phytoplankton and periphyton; limnology

#135

**Dr. Robert W. Hamilton**

Professor

Loyola University of Chicago

Department of Biology

6525 North Sheridan Road

Chicago, IL 60626

Ph.D. Ohio State University 1969

Phone (312) 274-3000 Ext. 3628

Organisms Worked With: 12 19

Systematic Techniques: 20 21 27 28

Ecological Interests: 34 40 41 42 43 45

48 52 58 66

Geographical Areas: Illinois prairies, especially northern Illinois;

North America

Organism Specialties: Curculionoidea - Nemonychidae, Attelabidae,

Rhynchitidae

Ecological Expertise: arthropod diversity

#136

**Dr. Lonnie Paul Hansen**

Assistant Wildlife Ecologist

Illinois Natural History Survey

Section of Wildlife Research

607 E. Peabody Drive

Champaign, IL 61820

Ph.D. University of Illinois 1978

Phone (217) 333-6856

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 34 40 41 42 43 45

46 48 52 55 62

Geographical Areas: Piatt and McClean Counties, Illinois

Organism Specialties:

Ecological Expertise: population dynamics and life history strategies of woodland rodents; harvest, management and ecology of white-tailed deer

#137

**Mr. Philip C. Hanson**

Head of Group Programs

Field Museum of Natural History

Department of Education

Roosevelt Road at Lake Shore Drive

Chicago, IL 60605

M.S. Northeastern Illinois University 1975

Phone (312) 922-9410 Ext. 201

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 35 42 43

52 54 66

Geographical Areas: Cook and adjacent Counties, Illinois

Organism Specialties:

Ecological Expertise: prairie and natural areas; history of disturbance

#138

**Mr. Dennis M. Harman**

Graduate Student

Southern Illinois University

Department of Zoology

Carbondale, IL 62901

M.A. So. Illinois Univ.-Carbondale 1978

Phone (618) 536-2314

Organisms Worked With: 8 19

Systematic Techniques:

Ecological Interests: 34 35 40 42

47 48 52 58

Geographical Areas: Saline and Jackson Counties, Illinois

Organism Specialties:

Ecological Expertise: Microtus population ecology; life history and ecology of small mammal populations in grassland/old field communities; demographic/reproductive variables related to population growth &amp; density

#139

**Mr. Ralph L. Harnishfeger**

Researcher II  
 Southern Illinois University  
 Zoology Dept./Coop Wildlife Research Lab  
 Life Science II  
 Carbondale, IL 62901

Ph.D. So. Illinois Univ.-Carbondale 1984  
 Phone (618) 536-2120

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 35 36 37 38 39 41 42 45  
 48 52 55 58 61 62

Geographical Areas: Jackson and Williamson Counties, Illinois

Organism Specialties:

Ecological Expertise: habitat requirements, management and demography/  
 life history of small game mammals and furbearers

#140

**Mr. Francis M. Harty**

Regional Administrator  
 Illinois Department of Conservation  
 Div. Forest Resources & Natural Heritage  
 #8 Henson Place  
 Champaign, IL 61820

M.S. So. Illinois Univ.-Carbondale 1979  
 Phone (217) 333-5773

Organisms Worked With: 1 2 3 8 9

Systematic Techniques: 20 21 27

Ecological Interests: 34 35 36 40 41 42 43 45  
 47 50 52 54 58 59 60 62 66

Geographical Areas: northeastern, northwestern, east central  
 and southern Illinois

Organism Specialties:

Ecological Expertise: natural areas inventory and management;  
 endangered species inventory and management; synecology of Illinois  
 natural communities

#141

**Mr. Robert Aden Hattaway**

Assistant Professor  
 North Park College  
 Department of Biology  
 5125 N. Spalding Ave.  
 Chicago, IL 60625

M.S. University of Tennessee 1973

Phone (312) 583-2700 Ext. 394

Organisms Worked With: 1 2 3 4 5 6 7

Systematic Techniques: 21 23 27 28

Ecological Interests: 35 36 42 43  
 47

Geographical Areas: Australasia; Patagonia; Florida Everglades;  
 southern Appalachians; Georgia

Organism Specialties: Bryophyta - Ptychomniaceae - Ptychomnion,  
 Cladomniopsis, Cladomnion, Hampeella, Glyphothecium, Tetraphidopsis  
 and Dicheelodontium

Ecological Expertise: corticolous and saxicolous bryophytes of limestone  
 sinks and associated vascular flora

#142

**Dr. Larry A. Hauser**

Bristol-Meyers Company  
 Biostatistics and Data Management Group  
 Research and Development Division  
 2404 Pennsylvania Avenue  
 Evansville, IN 47721

Ph.D. University of Notre Dame 1982  
 Phone (812) 426-6695

Organisms Worked With: 1

Systematic Techniques: 20 21 22 23 24 27 28 30

Ecological Interests: 34 40 42  
 48 50 51 52 55 58 60 65

Geographical Areas: central Illinois; prairies; western North  
 America, especially the Intermountain region

Organism Specialties: Brassicaceae - Thelypodium, Thelypodiopsis,  
 Stanleya, Caulanthus  
 Ecological Expertise:

#143

**Dr. Stephen Paul Havera**

Associate Wildlife Ecologist  
 Illinois Natural History Survey  
 Wildlife Section  
 Box 599/River Research Laboratory  
 Havana, IL 62644

Ph.D. University of Illinois 1978  
 Phone (309) 543-3950

Organisms Worked With: 1 8 9

Systematic Techniques: 20 27 28 31

Ecological Interests: 34 35 36 38 40 41 42 43 44 45  
 50 57 58

Geographical Areas: Illinois, especially the Illinois and  
 Mississippi River valleys

Organism Specialties: Anatidae; Sciuridae

Ecological Expertise: nutrition, physiological ecology, population  
 dynamics, management, reproductive physiology of wildlife

#144

**Dr. Robert C. Haynes**

Associate Professor  
 Sangamon State University  
 Biology Program  
 Shepherd Road  
 Springfield, IL 62708

Ph.D. University of New Hampshire 1971  
 Phone (217) 786-6630

Organisms Worked With: 7 13

Systematic Techniques:

Ecological Interests: 38 41 42 43 44  
 58

Geographical Areas:

Organism Specialties:

Ecological Expertise: freshwater and saline lakes

#145

**Dr. James Edward Heath**

Professor  
University of Illinois  
Department of Physiology & Biophysics  
407 S. Goodwin Avenue  
Urbana, IL 61801

Phone (217) 333-2832

Organisms Worked With: 8 9 10 12

Systematic Techniques: 20 21 27

Ecological Interests: 40 42 43

46 51 57 58 66

Geographical Areas: southwest U.S.A.; northeast U.S.A. woodlands;

Argentina

Organism Specialties: Insecta - Cicadidae

Ecological Expertise: adaptation physiology

#146

**Dr. Maxine Shoemaker Heath**

Visiting Assistant Professor  
University of Illinois  
Department of Physiology & Biophysics  
524 Burrill Hall/407 South Goodwin  
Urbana, IL 61801

Ph.D. University of Florida 1978

Phone (217) 333-2832

Organisms Worked With: 12

Systematic Techniques: 20 21 23 27 28 33

Ecological Interests: 40 42

46 51 52 56 57 58 66

Geographical Areas: Arizona, New Mexico, Colorado, Utah, Texas;

Argentina

Organism Specialties: Cicadidae

Ecological Expertise: insect host-plant specificity, thermoregulation, activity cycles, communication, mating, predator avoidance; evolutionary history and biogeography

#147

**Dr. Roy C. Heidinger**

Professor & Assistant Director  
Southern Illinois University  
Fisheries Research Laboratory  
Carbondale, IL 62901

Ph.D. So. Illinois Univ.-Carbondale 1970  
Phone (618) 536-7761

Organisms Worked With: 11

Systematic Techniques: 22 26 31

Ecological Interests: 37 38 39

46 50 52 57 61 62 64

Geographical Areas: U.S.A.

Organism Specialties:

Ecological Expertise:

#148

**Mr. Randy R. Heidorn**

District Heritage Biologist  
Illinois Department of Conservation  
Div. of Forest Resources & Nat. Heritage  
110 James Road  
Spring Grove, IL 60081

M.A. So. Illinoiis Univ.-Carbondale 1982  
Phone (815) 675-2385

Organisms Worked With: 1 8 9 10

Systematic Techniques:

Ecological Interests: 34 35 36 38 41 42 43 45

47 50 52 54 62 63 65

Geographical Areas: northeast Illinois

Organism Specialties:

Ecological Expertise: natural areas, especially wetlands and prairies; endangered animal population management, especially terns and bats; control of exotic plants

#149

**Mr. Charles George Helm**

Associate Supportive Scientist  
Illinois Natural History Survey  
Section of Economic Entomology  
607 E. Peabody Drive  
Champaign, IL 61820

M.S. University of Illinois 1973

Phone (217) 333-1005

Organisms Worked With: 1 12

Systematic Techniques: 20 21 22 27

Ecological Interests: 36 41 45

46 52 58 59 65

Geographical Areas: Champaign, DeKalb, Pope, Madison, Monroe, Logan, Clark, Crawford and Coles Counties, Illinois

Organism Specialties: Chrysomelidae - Cerotoma; Coccinellidae - Epicephala; Noctuidae - Plathypena; Glycine max, Abutilon theophrasti, Xanthium pensylvanicum

Ecological Expertise: agroecosystems; sampling of insects; insect overwintering, spring emergence and migration patterns; insect and weed interference with agricultural crops

#150

**Ms. Alice Scott Henry**

RR #1  
Macomb, IL 61455

M.S. Western Illinois University 1978  
Phone (309) 298-1472

Organisms Worked With: 1 2 3

Systematic Techniques: 33

Ecological Interests:

Geographical Areas: west central Illinois

Organism Specialties:

Ecological Expertise:

#151

**Dr. Robert D. Henry**  
 Herbarium Curator  
 Western Illinois University  
 R. M. Myers Herbarium  
 Macomb, IL 61455

Ph.D. Ohio State University 1958  
 Phone (309) 298-1472

Organisms Worked With: 1 2 3  
 Systematic Techniques: 33  
 Ecological Interests:

Geographical Areas: west central Illinois  
 Organism Specialties:

Ecological Expertise:

#152

**Dr. Edwin E. Herricks**  
 Associate Professor  
 University of Illinois  
 Department of Civil Engineering  
 208 N. Romaine  
 Urbana, IL 61801

Ph.D. Johns Hopkins University 1974  
 Phone (217) 333-0997

Organisms Worked With: 11 12  
 Systematic Techniques:  
 Ecological Interests: 37 38 39 40 41 42 43 45  
 47 50 61 62 64

Geographical Areas: Illinois, Colorado, Pennsylvania

Organism Specialties:

Ecological Expertise: aquatic ecology, environmental management, stream system/watershed management

#153

**Dr. David Filbert Hess**  
 Associate Professor  
 Western Illinois University  
 Department of Geology  
 Tillman Hall, W. Adams Street  
 Macomb, IL 61455

Ph.D. Indiana University 1967  
 Phone (309) 837-9362

Organisms Worked With: 12  
 Systematic Techniques: 21 27 28  
 Ecological Interests: 34 35 40 42 45  
 46 47 50 58

Geographical Areas: West-central Illinois; Missouri, Arkansas, Indiana, Ohio & Pennsylvania

Organism Specialties: *Cercyonis pegala*; *Rhopalacera* of prairie and

savannah of west-central Illinois  
 Ecological Expertise: Biology, biogeography & behavior of *Cercyonis pegala*; ecology of prairie insects, especially *Rhopalacera*; geological and physiographic influences on insect distribution

#154

**Dr. William J. Hess**  
 Curator  
 The Morton Arboretum  
 Research Department  
 Lisle, IL 60532

Ph.D. University of Oklahoma 1967  
 Phone (312) 968-0074

Organisms Worked With: 1  
 Systematic Techniques: 21 24 27 28 30 31  
 Ecological Interests: 34 40 42  
 46

Geographical Areas: southwestern states; southeastern states; northern Mexico

Organism Specialties: Rosaceae - *Vauquelinia*, *Spiraea*; Aceraceae; Caprifoliaceae; *Eriogonum*; *Tilia*; *Symplocarpus*; *Cornus*

Ecological Expertise: phenology as it relates to energy release and pollination

#155

**Dr. Clifford W. Hesseltine**  
 Chief Fermentation Lab  
 Northern Regional Research Center  
 1815 N. University Ave.  
 Peoria, IL 61614

Ph.D. University of Wisconsin 1950  
 Phone (312) 691-9608

Organisms Worked With: 5  
 Systematic Techniques: 27 28  
 Ecological Interests: 35 38 41 43

Geographical Areas: Illinois; worldwide

Organism Specialties: *Mucorales*, *Phycomycetes*

Ecological Expertise: fungi in cultivated fields, especially corn fields

#156

**Mr. Steve L. Heydon**  
 Graduate Student  
 Illinois Natural History Survey  
 Section of Faunistic Surveys  
 607 E. Peabody Drive  
 Champaign, IL 61820

M.S. University of Illinois 1984  
 Phone (217) 333-6846

Organisms Worked With: 12  
 Systematic Techniques: 23 27 30  
 Ecological Interests: 35 40 42  
 48

Geographical Areas: Champaign County, Illinois; eastern states

Organism Specialties: Hymenoptera - Pteromalidae - *Miscogasterinae*

Ecological Expertise:

#157

**Dr. Larry R. Hoffman**

Professor  
 University of Illinois  
 Department of Plant Biology  
 289 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

Ph.D. University of Texas 1961  
 Phone (217) 333-0048

Organisms Worked With: 7  
 Systematic Techniques: 24 27 28 30 31 33  
 Ecological Interests:

Geographical Areas: worldwide

Organism Specialties: green algae - Oedogoniales, Sphaeropleales,  
 Cylindrocapsales  
 Ecological Expertise:

#158

**Dr. Donald F. Hoffmeister**

Director  
 University of Illinois  
 Museum of Natural History  
 1301 W. Green Street  
 Urbana, IL 61801

Ph.D. Univ. of California-Berkeley 1944  
 Phone (217) 333-2517

Organisms Worked With: 8  
 Systematic Techniques: 21 27 28  
 Ecological Interests: 34

Geographical Areas: Illinois; Arizona; much of the Southwest; parts of Mexico

Organism Specialties: mammals, especially *Peromyscus*, other cricetine rodents, bats and shrews  
 Ecological Expertise: life history of various rodents and other mammals

#159

**Dr. Joyce E. Hofmann**

Visiting Research Associate  
 University of Illinois  
 Dept. of Ecology, Ethology & Evolution  
 606 E. Healey Street  
 Champaign, IL 61820

Ph.D. University of Illinois 1978  
 Phone (217) 333-1631

Organisms Worked With: 8  
 Systematic Techniques:  
 Ecological Interests: 34 40 43 45

46 48 52

Geographical Areas: Champaign County, Illinois

Organism Specialties:

Ecological Expertise: population dynamics and behavioral ecology of small mammals

#160

**Mr. Kevin P. Hogan**

Graduate Student  
 University of Illinois  
 Department of Plant Biology  
 289 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

M.S. University of Illinois 1982  
 Phone (217) 333-4396

Organisms Worked With: 1  
 Systematic Techniques:  
 Ecological Interests: 34 40 42

48 49 51 55 57 59

Geographical Areas: Panama

Organism Specialties:

Ecological Expertise: plant demography, ecology of plant architecture, plant physiological ecology

#161

**Mr. Eugene W. Holmes**

706 W. Eleanor Place  
 Peoria, IL 61604

M.A. Bradley University 1956  
 Phone (309) 685-5661

Organisms Worked With: 10  
 Systematic Techniques: 26  
 Ecological Interests: 34 40 42 45

50

Geographical Areas: Peoria, Tazewell and Woodford Counties, Illinois

Organism Specialties:

Ecological Expertise:

#162

**Mr. Bruce W. Horn**

Microbiologist  
 Northern Regional Research Center  
 Fermentation Laboratory  
 1815 N. University  
 Peoria, IL 61604

M.A. University of Kansas 1980  
 Phone (309) 685-4011

Organisms Worked With: 5  
 Systematic Techniques:  
 Ecological Interests: 34 35 40 41 42 44

48 57 58 59 63 64

Geographical Areas:

Organism Specialties: *Penicillium*, *Aspergillus*

Ecological Expertise: ecology of cereal fungi

#163

**Dr. Lynne D. Houck**  
 Assistant Professor  
 University of Chicago  
 Department of Biology  
 1103 E. 57th Street  
 Chicago, IL 60637

Ph.D. Univ. of California-Berkeley 1977  
 Phone (312) 962-3401

Organisms Worked With: 10  
 Systematic Techniques: 31  
 Ecological Interests: 34 40 42  
 46 48 51  
 Geographical Areas: North Carolina, Tennessee, Virginia

Organism Specialties: Urodeles: Plethodontidae - Desmognathus;  
 Ambystomatidae - *Ambystoma*  
 Ecological Expertise: life history studies

#164

**Mr. George F. Hubert Jr**  
 Furbearer Biologist  
 Illinois Department of Conservation  
 Division Fish & Wildlife Resources  
 P.O. Box 728  
 Hinckley, IL 60520-0728

M.S. Colorado State University 1974  
 Phone (815) 286-7434

Organisms Worked With: 8  
 Systematic Techniques:  
 Ecological Interests: 34 36 41 42 43 45  
 48 52 62

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: wildlife and furbearer management, furbearer biology

#165

**Dr. Michael J. Huft**  
 Visiting Assistant Curator  
 Field Museum of Natural History  
 Department of Botany  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

Ph.D. University of Michigan 1979  
 Phone (312) 922-9410

Organisms Worked With: 1  
 Systematic Techniques: 21 27 28 30  
 Ecological Interests:

Geographical Areas: southern states; Neotropics, especially Mexico and Central America

Organism Specialties: Euphorbiaceae; Loganiaceae; Eriocaulaceae;  
 Amaryllidaceae - Hypoxis  
 Ecological Expertise:

#166

**Dr. Lawrence Barrie Hunt**  
 Professor  
 Eastern Illinois University  
 Department of Zoology  
 Charleston, IL 61920

Ph.D. University of Wisconsin-Madison 1968  
 Phone (217) 581-2817

Organisms Worked With: 9  
 Systematic Techniques:  
 Ecological Interests: 34 35 40 42 43  
 46 48 52 63

Geographical Areas: Coles County and east central Illinois; Sonoran Desert, Arizona

Organism Specialties:

Ecological Expertise: migrational phenology, breeding biology and seral preferences of midwestern birds

#167

**Mr. Max Donald Hutchison**  
 Field Representative  
 Natural Land Institute  
 RR 1  
 Belknap, IL 62908

B.S. Southern Illinois University 1961  
 Phone (618) 658-8654

Organisms Worked With: 1 2 3 8 9 10 11 12  
 Systematic Techniques: 21  
 Ecological Interests: 35 36 38 39 40 41 42  
 47 50

Geographical Areas: southern Illinois; southern Indiana  
 Organism Specialties:

Ecological Expertise: presettlement landscape character

#168

**Dr. Theodore Hymowitz**  
 Professor  
 University of Illinois  
 Department of Agronomy  
 1102 South Goodwin Ave.  
 Urbana, IL 61801

Ph.D. Oklahoma State University 1963  
 Phone (217) 333-9454

Organisms Worked With: 1  
 Systematic Techniques: 21 22 24 26 27 33  
 Ecological Interests:

Geographical Areas: Australia, South Pacific; East Asia

Organism Specialties: Fabaceae - Glycine and allied genera

Ecological Expertise:

#169

**Mr. Francis M. Imboden**

District Fishery Biologist  
 Illinois Department of Conservation  
 Division Fish & Wildlife Resources  
 P.O. Box 3  
 Sparta, IL 62286

M.S. So. Illinois Univ.-Carbondale 1974  
 Phone (618) 443-2925

Organisms Worked With: 11

Systematic Techniques:

Ecological Interests: 37 41 42 43 44 45  
 52 61 62 65

Geographical Areas: Clinton, Monroe, Randolph, St. Clair and  
 Washington Counties, Illinois

Organism Specialties:

Ecological Expertise:

#170

**Dr. Robert F. Inger**

Curator  
 Field Museum of Natural History  
 Department of Zoology  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

Ph.D. University of Chicago 1954  
 Phone (312) 922-9410

Organisms Worked With: 10

Systematic Techniques: 21 27 33

Ecological Interests: 34 35 40 42 42  
 47 51 47 50

Geographical Areas:

Organism Specialties: anurans, lizards, snakes

Ecological Expertise: organization and evolution of communities;  
 population fluctuations; diversity

#171

**Dr. Michael E. Irwin**

Associate Professor  
 Illinois Natural History Survey  
 Agricultural Entomology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. Univ. of California-Riverside 1971  
 Phone (217) 333-1965

Organisms Worked With: 1 12

Systematic Techniques: 21 22 23 27 31

Ecological Interests: 36 40 41 42 45  
 46 51 54 58

Geographical Areas: worldwide

Organism Specialties: Diptera - Thereuidae, Cracycera

Ecological Expertise: behavioral ecology, agroecosystems, desert  
 ecosystems, sandy soils, dispersal and migration

#172

**Mr. Roderick R. Irwin**

Research Affiliate  
 Illinois Natural History Survey  
 Section of Faunistic Surveys  
 24 East 99th Place  
 Chicago, IL 60628

B.A. Chicago State University 1980  
 Phone (312) 468-1124

Organisms Worked With: 12

Systematic Techniques: 20 27 28

Ecological Interests: 34 42  
 48 52

Geographical Areas: Illinois

Organism Specialties: Lepidoptera

Ecological Expertise: distribution of butterflies in Illinois

#173

**Dr. Louis Robert Iverson**

Assistant Professional Botanist  
 Illinois Natural History Survey  
 Section of Botany & Plant Pathology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of North Dakota 1981  
 Phone (217) 333-8907

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 36 41 42 43  
 50 54 56 57 59 60 61 62 63

Geographical Areas:

Organism Specialties:

Ecological Expertise: reclamation of mined lands

#174

**Dr. Joseph D. Ives**

Associate Professor  
 Western Illinois University  
 Department of Biological Sciences  
 Macomb, IL 61455

Ph.D. University of Minnesota 1967  
 Phone (309) 298-1164

Organisms Worked With: 1 2 3 4

Systematic Techniques: 21

Ecological Interests: 34 35 38 40 42 43  
 47 48 50 58 59 60 61 63

Geographical Areas: west central Illinois; Midwest states; Belize

Organism Specialties:

Ecological Expertise: plant community relationships and successional  
 processes; microclimatic effects on individuals, populations and  
 communities; raptorial bird habitat analysis and evaluation

#175

**Mr. Robert J. Izor**  
 Collection Manager  
 Field Museum of Natural History  
 Division of Mammals  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

Ph.D. Beloit College-Wisconsin 1973  
 Phone (312) 922-9410 Ext. 249

Organisms Worked With: 8  
 Systematic Techniques: 20 21 23 27 28  
 Ecological Interests: 35 40 42 43  
 46 51  
 Geographical Areas: Illinois; Neotropics

Organism Specialties: carnivores; primates; bats

Ecological Expertise: faunal survey and analysis; host-parasite  
 associations

#176

**Dr. Larry A. Jahn**  
 Professor  
 Western Illinois University  
 Department of Biological Sciences  
 Macomb, IL 61455

Ph.D. Montana State University 1968  
 Phone (309) 298-1266

Organisms Worked With: 11  
 Systematic Techniques:  
 Ecological Interests: 37 38 39 40 41 42 43 44 45  
 46 52 58 61 62 66

Geographical Areas: west central Illinois  
 Organism Specialties: Percichthyidae, Centrarchidae, Ictaluridae,  
 Clupeidae

Ecological Expertise: lake and pond fish management; natural history of  
 fish in rivers and streams

#177

**Dr. Alan P. Jaslow**  
 Postdoctoral Fellow  
 University of Chicago  
 Department of Anatomy  
 1025 E. 57th Street  
 Chicago, IL 60637

Ph.D. University of Michigan 1982  
 Phone (312) 962-8091

Organisms Worked With: 10  
 Systematic Techniques: 20 27 33  
 Ecological Interests: 34 35 37 40 42  
 46 48 51 58  
 Geographical Areas: Michigan, Wisconsin; Panama

Organism Specialties: anurans

Ecological Expertise: population regulation in tadpoles; communications  
 in adult anurans

#178

**Dr. Michael Robert Jeffords**  
 Assistant Professional Scientist  
 Illinois Natural History Survey  
 Section of Economic Entomology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Illinois-U.C. 1978  
 Phone (217) 333-6250

Organisms Worked With: 12  
 Systematic Techniques:  
 Ecological Interests: 34 40 41 42 43 44 45  
 46 48 50 51 52 55 58  
 Geographical Areas: northeastern Illinois

Organism Specialties:

Ecological Expertise: population biology of economically important  
 forest and field crop pests; evolutionary biology of predaceous insects  
 and vertebrates

#179

**Dr. Norman H. Jensen**  
 Assoc. Prof. & Acting Chairman  
 Millikin University  
 Department of Biology  
 1184 W. Main Street  
 Decatur, IL 62522

Ph.D. Univ. of Nebraska-Lincoln 1972  
 Phone (217) 424-6230

Organisms Worked With: 9 11  
 Systematic Techniques: 21 31  
 Ecological Interests: 36 39 43  
 48 50 58

Geographical Areas:

Organism Specialties:

Ecological Expertise: aquatic biology

#180

**Dr. Robert Karl Johnson**  
 Curator & Chairman  
 Field Museum of Natural History  
 Department of Zoology  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

Ph.D. Univ. of Calif.-San Diego-Scripps 1972  
 Phone (312) 922-9410

Organisms Worked With: 11  
 Systematic Techniques: 20 21 23 27 28 30 31  
 Ecological Interests: 37 38 39 40 42  
 47 48 51 52

Geographical Areas: worldwide, especially western Caribbean

Organism Specialties: mesopelagic fishes: Stomiiformes, Myctophiformes,  
 Chiasmodontidae; shallow-water fishes: Blennioidei, Gobioidei  
 Ecological Expertise:

#181

**Dr. Almut G. Jones**

Curator & Assistant Professor  
 University of Illinois  
 Department of Plant Biology  
 289 Morrill Hall, 505 S. Goodwin Ave.  
 Urbana, IL 61801

Ph.D. University of Illinois 1973  
 Phone (217) 333-2522

Organisms Worked With: 1  
 Systematic Techniques: 21 23 24 28 30  
 Ecological Interests:

Geographical Areas:

Organism Specialties: Astereae - Asteraceae - Aster and related genera

Ecological Expertise:

#182

**Mr. Dan W. Jones**

Head of Biology Section  
 Peabody Coal Company  
 Central Laboratory  
 P.O. Box 39  
 Freeburg, IL 62243

B.A. So. Illinois Univ.-Edwardsville 1969  
 Phone (618) 539-5113

Organisms Worked With: 10 11 12 13 15 16  
 Systematic Techniques: 20  
 Ecological Interests: 37 38 39 41 42 43 45  
 50 52 61

Geographical Areas: St. Clair, Randolph, Saline, and Williamson  
 Counties, Illinois; Indiana; Kentucky; Missouri  
 Organism Specialties: Midwest fishes; Chironomidae; Illinois mussels

Ecological Expertise: aquatic ecology, especially as related to coal  
 mining disturbance and reclamation

#183

**Ms. Jeanine E. Karnes**

Technical Assistant  
 Illinois Natural History Survey  
 Department of Botany and Plant Pathology  
 607 E. Peabody Drive  
 Champaign, IL 61820

M.S. Northern Illinois University 1981  
 Phone (217) 333-8907

Organisms Worked With: 1 8 9  
 Systematic Techniques:  
 Ecological Interests: 36 40 42  
 58

Geographical Areas: northern and central Illinois

Organism Specialties:

Ecological Expertise: small mammal ecology

#184

**Dr. James R. Karr**

Deputy Director  
 Smithsonian Tropical Research Institute  
 P.O. Box 2072  
 Balboa, Panama

Ph.D. University of Illinois 1970

Organisms Worked With: 9 11  
 Systematic Techniques: 21  
 Ecological Interests: 34 35 36 37 38 39 40 41 42 43 45  
 47 50 54 62

Geographical Areas: Champaign and Vermilion Counties, Illinois;  
 Indiana; Panama  
 Organism Specialties: birds, fishes

Ecological Expertise: tropical ecology, aquatic ecology, community  
 ecology, natural resources, water resources

#185

**Ms. Carol Anne Kelly**

Graduate Student  
 University of Illinois  
 Department of Plant Biology  
 289 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

M.A. University of Iowa 1983  
 Phone (217) 333-1298

Organisms Worked With: 1 2 3 12  
 Systematic Techniques: 21 28 31  
 Ecological Interests: 34 35 36 37 38 40 42 43  
 48 51 52 57 58 59 60 63

Geographical Areas: U.S.A.

Organism Specialties: Fabaceae - Cassia

Ecological Expertise: plant-animal interactions

#186

**Mr. Jerome Kelly**

Biologist  
 Ecology & Environment Inc.  
 223 W. Jackson Blvd.  
 Chicago, IL 60606

M.S. University of Miami 1970  
 Phone (312) 663-9415

Organisms Worked With: 1 11 12 13 15 16  
 Systematic Techniques: 21 27  
 Ecological Interests: 38 39 41 43  
 47 50 64

Geographical Areas: Midwest states; Florida

Organism Specialties: aquatic macroinvertebrates

Ecological Expertise: aquatic ecology; effects of hazardous substances  
 on aquatic communities

#187

**Mr. Martin P. Kemper**  
 District Wildlife Biologist  
 Illinois Department of Conservation  
 Division Fish & Wildlife Resources  
 307 W. Alton  
 Nashville, IL 62263

M.A. So. Illinois Univ.-Carbondale 1976  
 Phone (618) 327-4158

Organisms Worked With: 1 8 9

Systematic Techniques:

Ecological Interests: 36 41 42 45  
 54 58 62

Geographical Areas: Randolph, Monroe, St. Clair, Clinton and  
 Washington Counties, Illinois  
 Organism Specialties:

Ecological Expertise: wildlife habitat assessment and manipulation;  
 plant community management; conservation of natural ecosystems; avian  
 ecology

#188

**Ms. Kathryn A. Kerr**  
 Consultant

RR 1 Box 247  
 Urbana, IL 61801

B.A. So. Illinois Univ.-Carbondale 1971  
 Phone (217) 643-7571

Organisms Worked With: 1

Systematic Techniques: 20 21 30 31

Ecological Interests: 34 35 36 37 38 39 41 42 45  
 47 50 52 59 60

Geographical Areas: Midwest states  
 Organism Specialties:

Ecological Expertise: natural areas - forest, savanna, prairie,  
 glade wetlands

#189

**Ms. Phyllis Kerstein**  
 President  
 Advanced Exterminating Service Inc.  
 1356 S. Michigan Avenue  
 Chicago, IL 60605

B.A. Roosevelt University 1948  
 Phone (312) 427-5800

Organisms Worked With: 8 9 10 12 14

Systematic Techniques: 27 28 31

Ecological Interests: 41 44  
 46 50 64

Geographical Areas: Chicago and surrounding suburbs, Illinois;  
 northwest Indiana

Organism Specialties: rodents and insects

Ecological Expertise: urban communities

#190

**Dr. Kenneth J. Kessler Jr**  
 Principal Plant Pathologist  
 USDA N. Central Forest Expt. Stat.  
 Forestry Sciences Lab  
 Southern Illinois University  
 Carbondale, IL 62901

Ph.D. West Virginia University 1960  
 Phone (618) 453-2318

Organisms Worked With: 1 5

Systematic Techniques: 20 27 28 31

Ecological Interests: 36 41 42 44 45  
 48 50 59

Geographical Areas: southern Illinois, Iowa, Missouri, Minnesota,  
 Wisconsin, Indiana, Michigan

Organism Specialties: Juglandaceae, Fagaceae, Betulaceae, Oleaceae,

Aceraceae; Ascomycetes, Fungi imperfecti

Ecological Expertise: epidemiology of fungal leaf diseases of hardwoods

#191

**Dr. John B. Kethley**  
 Associate Curator & Division Head  
 Field Museum of Natural History  
 Division of Insects  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

Ph.D. University of Georgia 1969  
 Phone (312) 922-9410

Organisms Worked With: 14 19

Systematic Techniques: 20 21 23 28

Ecological Interests: 34 35 40 42 43  
 48

Geographical Areas: Midwest states; worldwide

Organism Specialties: Acari - Prostigmata (excluding plant mites & water  
 mites); Mesostigmata - Eiphidoidea, Heterozerconidea, Holothyroidea,  
 Sejina, Trigynaspida

Ecological Expertise: deep soil acaro fauna; ecology of avian acarine  
 parasites

#192

**Ms. Michelle K. Kettler**  
 Research Assistant  
 University of Illinois  
 Department of Genetics & Development  
 515 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

M.S. St. Louis University 1980  
 Phone (217) 333-8001

Organisms Worked With: 11

Systematic Techniques: 22 24 26

Ecological Interests: 34 36 37 39 40 42  
 51

Geographical Areas: northern Illinois, Wisconsin, Washington, North  
 Carolina

Organism Specialties: Umbridae, Esocidae, Salmonidae

Ecological Expertise:

#193

**Ms. Frances B. King**  
 Research Associate  
 Illinois State Museum  
 Department of Botany  
 Spring and Edwards  
 Springfield, IL 62707

M.S. University of Arizona 1972  
 Phone (217) 785-4846

Organisms Worked With: 1  
 Systematic Techniques: 20 21  
 Ecological Interests: 53 54 66  
 Geographical Areas: Illinois, Midwest states

Organism Specialties:

Ecological Expertise: paleoecology, plants used by prehistoric Amerindians

#194

**Dr. James E. King**  
 Head of Scientific Sections  
 Illinois State Museum  
 Spring and Edwards  
 Springfield, IL 62706

Ph.D. University of Arizona 1972  
 Phone (217) 782-7475

Organisms Worked With: 1 2 3  
 Systematic Techniques:  
 Ecological Interests: 34 35 40 42  
 48 63 66

Geographical Areas: midwestern North America  
 Organism Specialties:

Ecological Expertise: palynology and paleoecology

#195

**Mr. Brian J. Klatt**  
 Graduate Research Assistant  
 University of Illinois  
 Dept. of Ecology, Ethology & Evolution  
 606 E. Healey Street  
 Champaign, IL 61820

M.S. Northern Illinois University 1979  
 Phone (217) 333-2235

Organisms Worked With: 8  
 Systematic Techniques:  
 Ecological Interests: 34 35 40 41 43 45  
 46 48 52 58 62 66

Geographical Areas: Champaign and Grundy Counties, Illinois; Indiana

Organism Specialties:

Ecological Expertise: community and population ecology, behavioral ecology

#196

**Mr. Vernon M. Kleen**  
 Avian Ecologist  
 Illinois Department of Conservation  
 Div. Forest Resources & Nat. Heritage  
 524 S. 2nd  
 Springfield, IL 62706

M.A. So. Illinois Univ.-Carbondale 1973  
 Phone (217) 785-8774

Organisms Worked With: 9  
 Systematic Techniques:  
 Ecological Interests: 34 35 36 42 43 44 45  
 50 52

Geographical Areas: Illinois

Organism Specialties: all non-game birds

Ecological Expertise: bird distribution and abundance

#197

**Mr. Kenneth F. Klick**

120 Kingston  
 Bolingbrook, IL 60439

A.S. Moraine Valley Community College 1983  
 Phone (312) 739-5739

Organisms Worked With: 1 2 3 7 9 10  
 Systematic Techniques: 27 28  
 Ecological Interests: 34 35 36 40 42 43 45  
 47 50 52 54

Geographical Areas: northeastern Illinois, northwestern Indiana  
 Organism Specialties: freshwater Rhodophyta - Bangiales

Ecological Expertise: floristics; natural area management

#198

**Dr. W. D. Klimstra**  
 Professor & Director Coop. Lab.  
 Southern Illinois University  
 Cooperative Wildlife Research Laboratory  
 Life Science II, Room 251  
 Carbondale, IL 62901

Ph.D. Iowa State University 1949  
 Phone (618) 536-7766

Organisms Worked With: 1 8 9  
 Systematic Techniques: 20 21 27 28 31 32  
 Ecological Interests: 34 35 36 40 41 42 43 45  
 46 48 50 52 54 58 59 60 61 62 63

Geographical Areas:

Organism Specialties:

Ecological Expertise:

#199

**Mrs. Genevieve J. Kline**

Northern Illinois University  
Department of Biological Sciences  
De Kalb, IL 60115

A.B. Wellesley College 1962  
Phone (815) 753-1459

Organisms Worked With: 1  
Systematic Techniques: 20 21 23 24 26 27 28 31  
Ecological Interests:

Geographical Areas: U.S.A., Canada, Mexico  
Organism Specialties: *Agrimonia* (North and Central America)

Ecological Expertise:

#200

**Dr. Marcos Kogan**

Professor  
Illinois Natural History Survey  
Section of Economic Entomology  
607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of California-Riverside 1969  
Phone (217) 333-1005

Organisms Worked With: 12  
Systematic Techniques: 20 21 22 27 28  
Ecological Interests: 34 35 40 41 42 45  
46 52 58

Geographical Areas: central and southern Illinois; Brazil; Korea;  
China; Japan; Thailand  
Organism Specialties: Coleoptera; Strepsiptera

Ecological Expertise: ecology of Coleoptera associated with legumes;  
population dynamics; sampling methods; nutritional ecology; host selection  
behavior; plant defense strategies; chemical ecology

#201

**Dr. Christopher C. Kohler**

Assistant Professor  
Southern Illinois University  
Fisheries Research Laboratory  
Rm 188 Life Science II  
Carbondale, IL 62901

Ph.D. Virginia Polytechnic Institute 1980  
Phone (618) 453-2890

Organisms Worked With: 11 13  
Systematic Techniques: 20 27  
Ecological Interests: 37 38 39 40 41 42 43 44 45  
50 52 62

Geographical Areas: southern Illinois; Haiti; Brazil

Organism Specialties: *Alosa pseudohareugus*

Ecological Expertise: fish predator and prey interactions; exploitation  
effects on fish communities

#202

**Dr. Kipp Colby Kruse**

Associate Professor  
Eastern Illinois University  
Department of Zoology  
Charleston, IL 61920

Ph.D. University of Nebraska 1978  
Phone (217) 581-5410

Organisms Worked With: 10 11 12  
Systematic Techniques: 31  
Ecological Interests: 34 37 40 42 43 44  
46 51

Geographical Areas: southern Illinois  
Organism Specialties: Ranidae - *Rana pipiens* complex

Ecological Expertise: behavioral ecology (sexual selection and optimal  
foraging theory) and reproductive biology of Anurans

#203

**Mr. John H. Kube**

Forest Wildlife Biologist  
Illinois Department of Conservation  
P.O. Box 298  
Petersburg, IL 62675

M.S. University of Wisconsin 1978  
Phone (217) 632-3841

Organisms Worked With: 8  
Systematic Techniques:  
Ecological Interests: 34 36 41 42 45  
46 48 53 58 62 63

Geographical Areas: Illinois  
Organism Specialties:

Ecological Expertise: deer management

#204

**Dr. M. L. Kumler**

Professor  
Southern Illinois University  
Department of Biological Sciences  
Box 65B  
Edwardsville, IL 62026-1001

Ph.D. Oregon State University 1963  
Phone (618) 692-2109

Organisms Worked With: 1 2 3  
Systematic Techniques: 21 28  
Ecological Interests: 34 35 40 41 42 43  
47 49 56 59 60 63

Geographical Areas: Madison and St. Clair Counties, Illinois; Oregon  
coast; Afghanistan, India, Pakistan  
Organism Specialties:

Ecological Expertise: plant community ecology, nitrogen fixation

#205

**Dr. Cletus P. Kurtzman**

Research Leader  
 USDA Northern Reg. Research Center  
 ARS Culture Collection  
 1815 N. University Street  
 Peoria, IL 61604

Phone (309) 685-4011

Organisms Worked With: 5  
 Systematic Techniques: 21 22 24 26 27 28 33  
 Ecological Interests:

Geographical Areas:

Organism Specialties: Ascomycetous and Basidiomycetous yeasts  
 Ecological Expertise:

#206

**Dr. Wallace E. LaBerge**

Section Head, Taxonomist  
 Illinois Natural History Survey  
 Section of Faunistic Surveys  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Kansas 1955  
 Phone (217) 333-6846

Organisms Worked With: 12  
 Systematic Techniques: 20 21 23 27 28 30  
 Ecological Interests: 34 40 42  
 46 51 58

Geographical Areas: North America and Central America

Organism Specialties: Insecta - Hymenoptera, Apoidea

Ecological Expertise:

#207

**Dr. Herbert F. Lamp**

Associate Dean  
 Northeastern Illinois University  
 College of Arts & Sciences  
 5500 N. St. Louis Avenue  
 Chicago, IL 60625

Ph.D. University of Chicago 1951  
 Phone (312) 583-4050 Ext. 720

Organisms Worked With: 1 2 3  
 Systematic Techniques: 28  
 Ecological Interests: 35 38 40 42 43  
 47 57 59 63

Geographical Areas: Cook County, northern Illinois; northern Indiana, southern Michigan

Organism Specialties:

Ecological Expertise:

#208

**Dr. William O. Lamp**

Assistant Professional Scientist  
 Illinois Natural History Survey  
 Section of Economic Entomology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Nebraska 1980  
 Phone (217) 333-7430

Organisms Worked With: 12  
 Systematic Techniques:  
 Ecological Interests: 34 35 37 40 41 42 45  
 46 48 54 58 65

Geographical Areas: Champaign and St. Clair Counties, Illinois

Organism Specialties:

Ecological Expertise: weed/insect interactions, insect ecology, pest management

#209

**Mr. Wayne A. Lampa**

Resource Management Specialist  
 Forest Preserve District DuPage Co.  
 Natural Resources Department  
 P.O. Box 2339, 185 Spring Ave.  
 Glen Ellyn, IL 60138

M.S. Louisiana State University 1965  
 Phone (312) 790-4900

Organisms Worked With: 1 2 3 4 5 6 8 9 11 12  
 Systematic Techniques:  
 Ecological Interests: 34 35 36 37 38 39 41 42 43 45  
 47 48 50 52 54 58 59 60 62 63

Geographical Areas: DuPage County, Illinois

Organism Specialties:

Ecological Expertise: plant communities of DuPage County, their ecology, distribution, natural histories, management and restoration needs

#210

**Dr. Richard Weldon Larimore**

Aquatic Biologist  
 Illinois Natural History Survey  
 Aquatic Biology Section  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Michigan 1950  
 Phone (217) 333-6889

Organisms Worked With: 11 12  
 Systematic Techniques:  
 Ecological Interests: 38 40 42  
 46 50 63

Geographical Areas: Vermilion County, Illinois

Organism Specialties: Centrarchidae

Ecological Expertise: warmwater stream communities

#211

**Dr. Ronald P. Larkin**

Assistant Wildlife Ecologist  
 Illinois Natural History Survey  
 Section of Wildlife Research  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. Rockefeller University 1973  
 Phone (217) 333-7513

Organisms Worked With: 9 12

Systematic Techniques:

Ecological Interests: 42 43

46 52 57 66

Geographical Areas: Champaign County, Illinois; Marquette County, Michigan

Organism Specialties:

Ecological Expertise: avian migration, flocking, orientation, energetics, roosting, flight, homing and communication; insect flight and dispersal; small-scale motions of the lower atmosphere

#212

**Dr. Ingemar W. Larson**

Professor  
 Augustana College  
 Biology Department  
 Rock Island, IL 61201

Ph.D. Kansas State University 1964  
 Phone (309) 794-7361

Organisms Worked With: 12 15

Systematic Techniques: 27 28

Ecological Interests:

Geographical Areas: Rock Island County, Illinois  
 Organism Specialties: insects

Ecological Expertise:

#213

**Dr. George V. Lauder**

Assistant Professor  
 University of Chicago  
 Department of Anatomy  
 1025 E. 57th Street  
 Chicago, IL 60637

Ph.D. Harvard University 1979  
 Phone (312) 962-8090

Organisms Worked With: 10 11

Systematic Techniques: 20 23 27

Ecological Interests:

Geographical Areas: northern Illinois

Organism Specialties: Centrarchidae, Amiidae, Lepisosteidae

Ecological Expertise:

#214

**Dr. Richard Lee Leary**

Curator  
 Illinois State Museum  
 Geology Department  
 Spring and Edwards  
 Springfield, IL 62706

Ph.D. University of Illinois 1980  
 Phone (217) 782-6633

Organisms Worked With: 19

Systematic Techniques: 21 27 28

Ecological Interests:

51

Geographical Areas: western Illinois; Illinois and adjacent states

Organism Specialties: "Coal Age" plant fossils - early Pennsylvanian "upland"

Ecological Expertise: paleobotany of early Pennsylvanian "uplands"

#215

**Dr. Kwok W. Lee**

Associate Professor  
 George Williams College  
 Division of Natural & Health Sciences  
 555 31st Street  
 Downers Grove, IL 60515

Ph.D. University of Texas-Austin 1973  
 Phone (312) 964-3100

Organisms Worked With: 7

Systematic Techniques: 24 27 28 31

Ecological Interests: 34 35 36 37 38 39 40 42

63

Geographical Areas: Lake County (Volo Bog) and DuPage County, Illinois

Organism Specialties: Chlorophycean, Xanthophycean and Eustigmatophycean microalgae in soil and freshwater

Ecological Expertise: algal ecology of soil and freshwater ecosystems

#216

**Dr. Bruce F. Leon**

Assistant Professor  
 University of Illinois  
 Department of Landscape Architecture  
 1301 W. Gregory Drive  
 Urbana, IL 61801

Ph.D. Princeton University 1979  
 Phone (217) 333-3612

Organisms Worked With: 1 2 11 12 13

Systematic Techniques:

Ecological Interests: 35 36 37 38 40 41 42 43 44 45

50 54 57 59 61 65

Geographical Areas: Champaign, Piatt and Macon Counties, Illinois; coastal areas of Connecticut, Maryland, Delaware and New Jersey

Organism Specialties:

Ecological Expertise: salt marsh ecology; ecology of hedgerows; tree shape; root interactions; reclamation of disturbed lands; land use effects on water quality

#217

**Dr. Domingo D. J. Leonida**  
 District Director O.W.C.P.E.S.A.  
 University of Illinois at Chicago  
 College of Medicine  
 817 S. Wolcott Ave., 385 Old Gen. Hosp.  
 Chicago, IL 60680

M.Ph. University of Michigan 1962

Phone (312) 886-5000

Organisms Worked With: 8 12 14 16 18 19

Systematic Techniques: 27 32 33

Ecological Interests: 35 36 37 39 41 42 45  
 46 48 50 53 57 64 66

Geographical Areas: Logan, Mason, Tazewell and Cook Counties, Illinois

Organism Specialties: RNA viruses, DNA viruses; Chlamydia; bacteria, enterobacteria; amoebae, Entamoeba histolytica, E. Coli; Flagellates:

Giardia, Trichomonas; Ciliates; Nematodes; Cestodes; Arachnida

Ecological Expertise: microbiologic pathologic processes in man as promoted/inhibited by environmental factors; toxicologic aspects of environmental assessment

#218

**Dr. James B. Levenson**  
 Ecologist  
 Argonne National Laboratory  
 Energy & Environmental Systems Division  
 9700 S. Cass Ave.  
 Argonne, IL 60439

Ph.D. University of Wisconsin-Milwaukee 1976  
 Phone (312) 972-7476

Organisms Worked With: 1 2 3

Systematic Techniques:

Ecological Interests: 35 36 41 42 43  
 47 50 52 54 61 62

Geographical Areas: Illinois, Midwest states

Organism Specialties:

Ecological Expertise: forest communities, biogeography, natural areas

#219

**Dr. Eli Levine**  
 Assistant Professor  
 Illinois Natural History Survey  
 Section of Economic Entomology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. Ohio State University 1977  
 Phone (217) 333-6826

Organisms Worked With: 12

Systematic Techniques: 31

Ecological Interests: 34 35 36 40 41 44 45  
 46 48 50 55 57 58 60 62 64

Geographical Areas: Mason and Carroll Counties, northwestern Illinois

Organism Specialties: Lepidoptera - Noctuidae

Ecological Expertise: insect ecology, insect-plant interactions, insect population dynamics

#220

**Dr. Norman D. Levine**  
 Professor  
 University of Illinois  
 College of Veterinary Medicine  
 Urbana, IL 61801

Ph.D. Univ. of California-Berkeley 1937  
 Phone (217) 333-2766

Organisms Worked With: 18

Systematic Techniques: 20 27 28

Ecological Interests:

Geographical Areas: worldwide

Organism Specialties: Protozoa - Apicomplexa

Ecological Expertise:

#221

**Mr. Randall B. Lewis**  
 Associate Biologist  
 Ecological Analysts, Inc.  
 612 Anthony Trail  
 Northbrook, IL 60062

B.A. Blackburn College 1969  
 Phone (312) 564-3040

Organisms Worked With: 12 13 15

Systematic Techniques: 21 27

Ecological Interests: 38 41 42 43  
 47 50

Geographical Areas: Mississippi River, especially Pool 14

Organism Specialties: Pelecypoda - Unionidae; Ephemeroptera; Trichoptera

Ecological Expertise: effects of power plants on benthic macroinvertebrates

#222

**Dr. William M. Lewis**  
 Visiting Professor  
 Southern Illinois University  
 Fisheries Research Laboratory  
 Carbondale, IL 62901

Ph.D. Iowa State University 1949  
 Phone (618) 536-7761

Organisms Worked With: 11

Systematic Techniques:

Ecological Interests: 37 38 39 40 41 43 44  
 50 56

Geographical Areas: Illinois and North Carolina

Organism Specialties:

Ecological Expertise: production of fish in controlled environments; effects of temperature on fish communities

#223

**Dr. Khian K. Liem**

Director

The South Cook County  
Mosquito Abatement District  
155th and Dixie Highway  
Harvey, IL 60426

Ph.D. University of Illinois 1974

Phone (312) 333-4120

Organisms Worked With: 12

Systematic Techniques: 20 27

Ecological Interests: 34 35 36 37 38 39 40 41 42 43 44 45

Geographical Areas: Cook County, Illinois

Organism Specialties: Diptera - Culicidae - Aedes, Culex, Anopheles, Culiseta, Psorophora, Coquillettidia (Mansonia), Orthopodomyia and Uranotaenia

Ecological Expertise: insect ecology; mosquito bionomics and control; toxicology of insecticides

#224

**Dr. Richard Lee Lindroth**

Assistant Professor

University of Wisconsin

Dept. of Entomology

237 Russell Laboratories, 1630 Linden Drive  
Madison, WI 53706

Ph.D. University of Illinois-U.C. 1984

Phone (608) 263-6277

Organisms Worked With: 1 8

Systematic Techniques:

Ecological Interests: 34 40 42 43

48 52 57 58 64

Geographical Areas: Champaign County, Illinois

Organism Specialties:

Ecological Expertise: nutritional ecology and population dynamics of microtine rodents; chemistry and toxicology of plant secondary metabolites

#225

**Dr. Nicanor Javier Liquido**

Post-doctoral Fellow

Illinois Natural History Survey

Section of Economic Entomology

607 E. Peabody Drive  
Champaign, IL 61820

Ph.D. University of Hawaii 1982

Phone (217) 333-8091

Organisms Worked With: 12

Systematic Techniques:

Ecological Interests: 34 40 41 43

46 57

Geographical Areas: Champaign, Jackson, Pope, Adams, Franklin, Warren and St. Clair Counties, Illinois

Organism Specialties:

Ecological Expertise: predator-prey interactions, statistical ecology, insect dispersion, insect movement and dispersal, insect demography and life table analysis

#226

**Mr. Kenneth L. Litchfield**

Resources Planner

Illinois Department of Conservation

524 S. 2nd Street

Springfield, IL 62706

M.S. Illinois State University 1983

Phone (217) 782-4543

Organisms Worked With: 1 7

Systematic Techniques:

Ecological Interests: 35 36 42

50 60

Geographical Areas: Illinois, especially the Mackinaw River

Organism Specialties: Bacillariophyceae (Diatoms)

Ecological Expertise: aquatic and terrestrial diatom communities

#227

**Dr. Richard Eric Lombard**

Associate Professor

University of Chicago

Department of Anatomy

1025 E. 57th Street

Chicago, IL 60637

Ph.D. University of Chicago 1971

Phone (312) 962-8091

Organisms Worked With: 10

Systematic Techniques: 20 23 25 27 30 33

Ecological Interests:

Geographical Areas:

Organism Specialties: fossil amphibians, primarily Temnospondyli; recent amphibian orders Anura and Urodela, primarily Plethodontidae

Ecological Expertise:

#228

**Mr. Alvin C. Lopinot**

Aquatic Biologist

45 Northcrest Drive  
Litchfield, IL 62056

M.A. Southern Illinois University 1950

Phone (217) 324-3386

Organisms Worked With: 1 7 11 15

Systematic Techniques:

Ecological Interests: 37 38 39 45

52 62

Geographical Areas:

Organism Specialties:

Ecological Expertise: fisheries biology; freshwater mussels; aquatic plants

#229

**Dr. Kenneth S. Lubinski**  
 Assistant Professional Scientist  
 Illinois Natural History Survey  
 Pool 26 - River Research Lab  
 RR 1 Box 221  
 Grafton, IL 62037

Ph.D. Virginia Tech 1979  
 Phone (618) 786-3317

Organisms Worked With: 1 11 15  
 Systematic Techniques: 21 27  
 Ecological Interests: 37 38 39 40 41 42 43  
 46 48 50 55 58 62 64  
 Geographical Areas: Illinois and Mississippi Rivers and floodplains

Organism Specialties:

Ecological Expertise:

#230

**Dr. Daniel Robert Ludwig**  
 Wildlife Biologist  
 Forest Preserve District DuPage Co.  
 Natural Resources Department  
 P.O. Box 2339  
 Glen Ellyn, IL 60138

Ph.D. University of Calgary 1981  
 Phone (312) 790-4900 Ext. 283

Organisms Worked With: 8 9 10  
 Systematic Techniques:  
 Ecological Interests: 34 35 40 41 42 43 45  
 46 48 50 51 52 58 62  
 Geographical Areas: DuPage County, Illinois; New Jersey; alpine and  
 subalpine areas of Alberta, Canada

Organism Specialties:

Ecological Expertise: animal population biology

#231

**Mr. Randall W. Lundgren**

815 South Fell Ave.  
 Normal, IL 61761  
 Phone (309) 452-9656

Organisms Worked With: 12  
 Systematic Techniques: 28  
 Ecological Interests: 34 35 40 42  
 46 48 51 66  
 Geographical Areas: McLean County, Illinois  
 Organism Specialties: Coleoptera - Staphylinidae  
 Ecological Expertise: habitat requirements of the Staphylinidae

#232

**Dr. John F. Lussenhop**  
 Associate Professor  
 University of Illinois  
 Department of Biological Sciences  
 Box 4348  
 Chicago, IL 60680

Ph.D. University of Wisconsin 1971  
 Phone (312) 996-4557

Organisms Worked With: 5 12 19  
 Systematic Techniques:  
 Ecological Interests: 36 40 41 42 43 45  
 66  
 Geographical Areas:  
 Organism Specialties: Collembola, Acarina  
 Ecological Expertise: soil biology

#233

**Mr. Gary W. Lutterbie**  
 District Fisheries Biologist  
 Illinois Department of Conservation  
 Division of Fish & Wildlife  
 506 E. 7th Street  
 Gibson City, IL 60936

M.S. Univ. of Wisconsin-Stevens Point 1975  
 Phone (217) 784-4730

Organisms Worked With: 10 11  
 Systematic Techniques: 26 28 31  
 Ecological Interests: 37 38 39  
 46 48 52 62 65 66  
 Geographical Areas: Vermilion, Champaign, Piatt, DeWitt, Ford,  
 Livingston, Iroquois and McLean Counties, Illinois  
 Organism Specialties: fishes: Centrarchidae, Syprinidae, Esocidae,  
 Ictaluridae, Percidae, Percichthyidae and Salmonidae;  
 amphibians and reptiles  
 Ecological Expertise: population dynamics, age and growth of fishes;  
 field censusing and management of fish populations; treatment of aquatic  
 vegetation

#234

**Dr. Michael Lynch**  
 Associate Professor  
 University of Illinois  
 Dept. of Ecology, Ethology & Evolution  
 606 E. Healey Street  
 Champaign, IL 61820

Phone (217) 333-0196

Organisms Worked With: 13  
 Systematic Techniques: 22 26 31  
 Ecological Interests:  
 48  
 Geographical Areas:  
 Organism Specialties: Cladocera - Daphnia  
 Ecological Expertise: ecological genetics; population biology; biology  
 of parthenogenesis

#235

**Dr. Te Hsiu Ma**

Professor  
 Western Illinois University  
 Institute for Environmental Management  
 West Adams Street  
 Macomb, IL 61455

Ph.D. University of Virginia 1959  
 Phone (309) 298-1457

Organisms Worked With: 1 7 8 19

Systematic Techniques: 24 26

Ecological Interests: 41

50 64

Geographical Areas: McDonough, Peoria and Knox Counties, Illinois;  
 Qingdan, People's Republic of China

Organism Specialties: Commelinaceae - Tradescantia; Chlorophyceae -  
 Platymonas (Tetraselmis)

Ecological Expertise: effects of air and water pollutants on chromosomes  
 of Tradescantia, mouse and human lymphocytes; mutagenicity and  
 clastogenicity of chemicals and radioisotopes in plant and animal systems

#236

**Ms. Carol J. Mahan**

Mammal Ecologist  
 Illinois Department of Conservation  
 Div. Forest Resources & Nat. Heritage  
 524 S. 2nd Street  
 Springfield, IL 62706

M.S. University of Nebraska 1978  
 Phone (217) 785-8774

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 34 35 41 42 43 44 45  
 50 52 58 62

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: bat and cave conservation and management

#237

**Dr. Terrence G. Marsh**

Professor  
 North Central College  
 Department of Biology  
 30 N. Brainard  
 Naperville, IL 60566

Ph.D. University of Kentucky 1969  
 Phone (312) 420-3489

Organisms Worked With: 1 12

Systematic Techniques: 20 28

Ecological Interests: 34 35 36 37 38 39 40 41 42 43  
 47 49 50 52 55 58 59 63

Geographical Areas: DuPage and Will Counties, Illinois; Arizona

Organism Specialties: Coleoptera - Curabidae, Zoraptera

Ecological Expertise: cave beetle ecology; environmental assessment  
 for vegetation and freshwater invertebrates

#238

**Mr. Raymond W. Marshalla**

District Wildlife Manager  
 Illinois Department of Conservation  
 Division Fish & Wildlife Resources  
 30550 S. Boathouse Road  
 Wilmington, IL 60481

M.A. So. Illinois Univ.-Carbondale 1977  
 Phone (815) 476-7622

Organisms Worked With: 1 8 9

Systematic Techniques:

Ecological Interests: 36 39  
 52 62

Geographical Areas: Will, Kane, Kankakee, Grundy and Kendall Counties,  
 Illinois

Organism Specialties: game birds and mammals, furbearers

Ecological Expertise: habitat management for game and nongame birds and  
 mammals

#239

**Mr. Hymen Marx**

Curator  
 Field Museum of Natural History  
 Division of Amphibians & Reptiles  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

B.S. Roosevelt University 1949  
 Phone (312) 922-9410

Organisms Worked With: 10

Systematic Techniques: 20 21 23 27 28 30

Ecological Interests:

Geographical Areas: northeast Africa and southwest Asia

Organism Specialties: snakes

Ecological Expertise:

#240

**Dr. Bill J. Mathis**

Professor and Chairman  
 Bradley University  
 Department of Biology  
 1501 W. Bradley Avenue  
 Peoria, IL 61625

Ph.D. Oklahoma State University 1965  
 Phone (309) 676-7611

Organisms Worked With: 11 12

Systematic Techniques: 21

Ecological Interests: 37 38 39 41 42 43 44  
 50 56 58 63

Geographical Areas: central and southern Illinois, especially Peoria  
 County

Organism Specialties:

Ecological Expertise: primary productivity; lake restoration; stream  
 pollution, heavy metals in aquatic ecosystems

#241

**Mr. Wallace O. Matsunaga**  
 Aquatic Biologist  
 Illinois E.P.A.  
 Division of Water Pollution Control  
 1701 First Avenue, #600  
 Maywood, IL 60153

B.A. University of Hawaii 1967  
 Phone (312) 345-9780

Organisms Worked With: 12 13 15 16  
 Systematic Techniques: 20 21 27 28  
 Ecological Interests: 38 39 41 42 43  
 47 48 50

Geographical Areas: northern Illinois

Organism Specialties: Ephemeroptera, Plecoptera and Trichoptera  
 (aquatic stages)  
 Ecological Expertise: effects of pollutional discharges on aquatic  
 macroinvertebrate communities

#242

**Dr. Linda R. Maxson**  
 Associate Professor & Curator  
 University of Illinois  
 Dept. of Genetics & Development  
 515 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

Ph.D. University of California 1973  
 Phone (217) 333-3358

Organisms Worked With: 8 10  
 Systematic Techniques: 21 22 23 32  
 Ecological Interests:

51

Geographical Areas: worldwide

Organism Specialties: Hylidae, Leptodactylidae, Dendrobatidae,  
 Myobatrachidae, Cricetidae, Bufonidae and Caudata  
 Ecological Expertise:

#243

**Mr. William E. McClain**  
 District Heritage Biologist  
 Illinois Department of Conservation  
 Div. Forest Resources & Natural Heritage  
 600 N. Grand West  
 Springfield, IL 62706

M.A. Miami University-Ohio 1969  
 Phone (217) 782-2361

Organisms Worked With: 1 3 6  
 Systematic Techniques: 21 27 28  
 Ecological Interests: 35 36 42 44 45

52 61 62 63 65

Geographical Areas: central Illinois, especially Jersey, Mason,  
 Vermilion and Shelby Counties

Organism Specialties:

Ecological Expertise: management of natural ecosystems and establishment  
 of artificial grasslands; natural and re-established prairies

#244

**Mr. John Mark McCleary**  
 Biology Teacher  
 Proviso West High School  
 Science Department  
 4701 W. Harrison Street  
 Hillside, IL 60162

M.S. Temple University 1969  
 Phone (312) 449-6400

Organisms Worked With: 5  
 Systematic Techniques: 27 28  
 Ecological Interests: 42

52

Geographical Areas: Cook and DuPage Counties, Illinois

Organism Specialties: Myxomycetes

Ecological Expertise:

#245

**Mr. Milton Earl McGiffen, Jr.**  
 Assistant Supportive Scientist  
 Illinois Natural History Survey  
 Section of Economic Entomology  
 607 E. Peabody Dr.  
 Champaign, IL 61820

M.S. North Carolina State University 1984  
 Phone (217) 333-6823

Organisms Worked With: 1 5 12 18  
 Systematic Techniques:

Ecological Interests: 34 35 41 44 45  
 46 48 50 52 55 57 58 65

Geographical Areas: Illinois; southeastern states

Organism Specialties:

Ecological Expertise: insect ecology, physiological ecology, population  
 models, insect population sampling, host plant chemistry, application of  
 ecological techniques to pest management

#246

**Mr. Bill N. McKnight**  
 Junior Supportive Scientist  
 Illinois Natural History Survey  
 Section of Botany & Plant Pathology  
 607 E. Peabody Drive  
 Champaign, IL 61820

M.S. Eastern Illinois University 1980  
 Phone (217) 333-6827

Organisms Worked With: 1 2 3 4 6  
 Systematic Techniques: 21 27  
 Ecological Interests: 35 37 40 42

47 50

Geographical Areas: Illinois, Indiana

Organism Specialties: Bryophyta; endangered and threatened plants

Ecological Expertise: natural areas, relic communities

#247

**Dr. J. E. McPherson**

Professor  
 Southern Illinois University  
 Department of Zoology  
 Carbondale, IL 62901

Ph.D. Michigan State University 1968  
 Phone (618) 536-2314

Organisms Worked With: 12  
 Systematic Techniques: 20 21 23 27 28 31  
 Ecological Interests: 34 35 37 38 40 42 43  
 46 48 51 58

Geographical Areas: Jackson and Union Counties, Illinois  
 Organism Specialties: Pentatomidae

Ecological Expertise: life history studies

#248

**Mr. Jeffery L. Mengler**

Graduate Student  
 Northern Illinois University  
 Department of Biological Sciences  
 De Kalb, IL 60115-2854

B.S. Northern Illinois University 1982  
 Phone (815) 753-0433

Organisms Worked With: 1 7 9  
 Systematic Techniques:  
 Ecological Interests: 35 40 43  
 47 52 58 59 60 63 65

Geographical Areas: DeKalb and Ogle Counties, Illinois  
 Organism Specialties:

Ecological Expertise:

#249

**Mr. Kenneth Gene Mensing**

Regional Manager  
 Illinois E.P.A.  
 Land Pollution Control  
 117 W. Main Street  
 Collinsville, IL 62234

Phone (618) 345-4606

Organisms Worked With: 8 11  
 Systematic Techniques:  
 Ecological Interests: 41 43  
 50

Geographical Areas: southern Illinois

Organism Specialties:

Ecological Expertise: effect and relationship of waste management activities on the environment and man

#250

**Mr. Dennis A. Meritt Jr**

Assistant Director  
 Lincoln Park Zoological Gardens  
 2200 N. Cannon Drive  
 Chicago, IL 60614

M.A. Northeastern Illinois University 1974  
 Phone (312) 294-4660

Organisms Worked With: 1 3 8 9 10  
 Systematic Techniques: 20 21 24 26 28 31  
 Ecological Interests: 34 35 36 40 42 43 45  
 46 51 52 58 62

Geographical Areas: Panama, Columbia, Paraguay, Uruguay and Argentina  
 Organism Specialties: Rodentia, Primata, Edentata, Marsupialia, Caprimulgiformes, Testudinidae, Emydidae and Crocodilia

Ecological Expertise: tropical forest, neotropics

#251

**Dr. David Byron Mertz**

Professor  
 University of Illinois at Chicago  
 Department of Biological Sciences  
 Box 4348  
 Chicago, IL 60680

Ph.D. University of Chicago 1965  
 Phone (312) 996-5437

Organisms Worked With: 12  
 Systematic Techniques:  
 Ecological Interests: 34 40 44  
 46 48 51 55

Geographical Areas:

Organism Specialties: Coleoptera - Tenebrionidae - Tribolium

Ecological Expertise: population ecology and population genetics of Tribolium; life history theory

#252

**Dr. Peter L. Meserve**

Associate Professor  
 Northern Illinois University  
 Department of Biological Sciences  
 De Kalb, IL 60115

Ph.D. University of California-Irvine 1972  
 Phone (815) 753-0433

Organisms Worked With: 8  
 Systematic Techniques: 21 27 28  
 Ecological Interests: 34 35 40 42 45  
 46 48 52 58

Geographical Areas: Grundy and DeKalb Counties, northwest Illinois; Chile

Organism Specialties:

Ecological Expertise: small mammal population dynamics, interspecific interactions, plant-herbivore interactions, zoogeography of South American mammals

#253

**Dr. Helen Judith Michaels**  
 Research Associate  
 Wayne State University  
 Department of Biological Sciences

Detroit, MI 48201

Ph.D. University of Illinois-U.C. 1985  
 Phone (313) 973-1523

Organisms Worked With: 1  
 Systematic Techniques: 21 26 31  
 Ecological Interests: 34 35 40 42 43  
 48 51 57 58 59 61 63 65  
 Geographical Areas: Piatt, Champaign and Vermilion Counties, Illinois  
 Organism Specialties: Asteraceae (Inuleae)  
 Ecological Expertise: plant breeding systems, reproductive biology  
 evolutionary ecology

#254

**Dr. Raymond Michael Miller**  
 Microbial Ecologist  
 Argonne National Laboratory  
 Environmental Research Division  
 Argonne, IL 60439

Ph.D. Illinois State University 1975  
 Phone (312) 972-3395

Organisms Worked With: 1 5  
 Systematic Techniques:  
 Ecological Interests: 35 36 40 42 43  
 54 56 60 61 63  
 Geographical Areas: semi-arid regions of the U.S.A.  
 Organism Specialties:  
 Ecological Expertise: ecology of mycorrhizae; disturbed ecosystems;  
 edaphic factors and plant distribution; nutrient cycling

#255

**Mr. William S. Modi**  
 Graduate Assistant  
 University of Illinois  
 Dept. of Ecology, Ethology & Evolution  
 515 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

M.S. Texas A & M University 1978  
 Phone (217) 333-4688

Organisms Worked With: 8  
 Systematic Techniques: 20 21 23 24 26 30 31  
 Ecological Interests: 34  
 48  
 Geographical Areas:  
 Organism Specialties: Rodentia - Cricetidae - Microtinae - Microtus,  
 Peromyscus  
 Ecological Expertise: rodent life history analyses

#256

**Dr. Robert H. Mohlenbrock**  
 Professor  
 Southern Illinois University  
 Department of Botany  
 Carbondale, IL 62901

Ph.D. Washington Univ.-St. Louis 1957  
 Phone (618) 536-2331 Ext. 27

Organisms Worked With: 1 2 3 7  
 Systematic Techniques: 27 28  
 Ecological Interests: 35 38 40 42  
 Geographical Areas: Illinois; National Forests throughout the U.S.A.  
 Organism Specialties: Fabaceae, Poaceae, Cyperaceae  
 Ecological Expertise: community ecology

#257

**Dr. Edward O. Moll**  
 Professor  
 Eastern Illinois University  
 Department of Zoology  
 Charleston, IL 61920

Ph.D. University of Utah 1968  
 Phone (217) 345-7142

Organisms Worked With: 10  
 Systematic Techniques: 20 21 23 30 31  
 Ecological Interests: 34 37 40 41 42 43  
 48 50 51 52  
 Geographical Areas: Illinois River and Mississippi River; Malaysia,  
 India; Mexico and Panama  
 Organism Specialties: Testudines  
 Ecological Expertise: autecology, aquatic ecology, wildlife management,  
 conservation of endangered species

#258

**Dr. Herbert L. Monoson**  
 Professor  
 Bradley University  
 Department of Biology  
 Peoria, IL 61625

Ph.D. University of Illinois 1967  
 Phone (309) 676-7611 Ext. 478

Organisms Worked With: 1 5 7  
 Systematic Techniques: 27 28  
 Ecological Interests:  
 Geographical Areas: Mason, Bureau, Putman and Peoria Counties,  
 Illinois  
 Organism Specialties: Moniliates - Moniliaceae - Arthrobotrys,  
 Dactylella, Harposporium, etc.  
 Ecological Expertise:

#259

**Mr. Robbin C. Moran**

Graduate Student  
 Illinois Natural History Survey  
 Section of Botany & Plant Pathology  
 607 E. Peabody Drive  
 Champaign, IL 61820

M.S. So. Illinois Univ.-Carbondale 1980  
 Phone (217) 333-6827

#260

**Mr. Michael Donald Morin**

Resource Planner II, Forester  
 Illinois Department of Conservation  
 Division of Planning  
 Lincoln Tower Plaza, 524 S. 2nd Street  
 Springfield, IL 62706

M.S. Southern Illinois University 1980  
 Phone (217) 782-4543

Organisms Worked With: 1 3  
 Systematic Techniques: 20 21 24 27 28  
 Ecological Interests:

Geographical Areas: eastern U.S.A., Latin America

Organism Specialties: ferns and allied plants

Ecological Expertise:

Organisms Worked With: 1

Systematic Techniques:  
 Ecological Interests: 35 36 42 43 45  
 47 50 56 58 59 60 61 62 63

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: terrestrial ecology, forest habitat types and nutrient cycling; forest resource management; fish and wildlife computer database development

#261

**Mr. Michael A. Morris**

Graduate Assistant  
 Southern Illinois University  
 Department of Zoology  
 Carbondale, IL 62901

M.A. So. Illinois Univ.-Carbondale 1981  
 Phone (618) 536-2314

Organisms Worked With: 10  
 Systematic Techniques: 20 21 22 23 24 26 27 28 31  
 Ecological Interests:

48 51 52

Geographical Areas: Illinois; western Kentucky and Tennessee

Organism Specialties: Ambystomatidae - Colubridae - Ambystoma, Nerodia

Ecological Expertise: field census; demography/life history

#262

**Mr. Robert G. Mosher**

Biology Instructor  
 Belleville Area College  
 Granite City Center  
 RR 1 Box 187A  
 E. Carondelet, IL 62240

M.S. Eastern Illinois University 1979  
 Phone (618) 538-7282

Organisms Worked With: 10 11 12 13  
 Systematic Techniques: 27  
 Ecological Interests: 38 39 41 42 43

50 52 64

Geographical Areas: Monroe, St. Clair and Coles Counties, Illinois;  
 St. Charles County, Missouri

Organism Specialties: fishes and aquatic macroinvertebrates

Ecological Expertise: environmental assessment of streams; relating toxicity of effluents to the community structure of fishes and macro-

#263

**Mr. Steven R. Moylan**

Aquatic Biologist  
 Lake County Health Department  
 Environmental Engineering Section  
 3010 Grand Avenue  
 Waukegan, IL 60085

M.S. Millersville State College 1979  
 Phone (312) 689-6740

Organisms Worked With: 1 7 11 13 19

Systematic Techniques: 27  
 Ecological Interests: 37 38 40 42

48 50 56 62

Geographical Areas: Lake County, Illinois; Marinette County, Wisconsin

Organism Specialties:

Ecological Expertise: natural lakes and rivers

#264

**Mr. John C. Murphy**

Biology Instructor & Chairman  
 Plainfield High School  
 Science Department  
 16351 S. Peerless Ct.  
 Plainfield, IL 60544

M.A. Governors State University 1974  
 Phone (815) 436-8167

Organisms Worked With: 10  
 Systematic Techniques: 20 21 27 28 31  
 Ecological Interests: 34 35 37 38 40 42 43

46 50 51 52

Geographical Areas: Illinois; eastern U.S.A.; Trinidad and Tobago (West Indies)

Organism Specialties: Reptilia - Squamata - Colubridae, Crotalidae

Amphibia - Anura - Hylidae - Hyla, Pseudacris

Ecological Expertise: behavioral, geographical and community ecology

#265

**Dr. Donal G. Myer**

Professor and Dean  
 Southern Illinois University  
 Department of Biological Sciences  
 Edwardsville, IL 62026

Ph.D. Ohio State University 1958  
 Phone (618) 692-3170

Organisms Worked With: 16  
 Systematic Techniques: 20 28 33  
 Ecological Interests: 37 38 39 40 42  
 48 50  
 Geographical Areas: southwestern Illinois; U.S.A.  
 Organism Specialties: helminths of fishes

Ecological Expertise: life histories of digenetic trematodes

#266

**Dr. Charles F. Nadler**

Associate Professor  
 Northwestern University  
 Department of Medicine  
 303 E. Chicago Avenue  
 Chicago, IL 60611

M.D. Northwestern University 1955  
 Phone (312) 649-8095

Organisms Worked With: 8  
 Systematic Techniques: 22 24 32  
 Ecological Interests:  
 51  
 Geographical Areas: northern states (including Alaska); Canada;  
 U.S.S.R.  
 Organism Specialties: Rodentia - Sciuridae, Microtinae;  
 Bovidae - Caprinae  
 Ecological Expertise:

#267

**Dr. Virginia L. Naples**

Assistant Professor  
 Northern Illinois University  
 Department of Biological Sciences  
 De Kalb, IL 60115

Ph.D. University Massachusetts 1980  
 Phone (815) 753-0433

Organisms Worked With: 8  
 Systematic Techniques: 20 21 23 27 28 33  
 Ecological Interests:  
 46 51  
 Geographical Areas: Central America and South America, especially  
 Panama and Venezuela; Australia  
 Organism Specialties: Mammalia - Monotremata, Xenarthra  
 Ecological Expertise: relations of xenarthrans to their tropical  
 environment

#268

**Dr. Michael Nee**

Visiting Assistant Curator  
 Field Museum of Natural History  
 Botany Department  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

Ph.D. University of Wisconsin-Madison 1979  
 Phone (312) 922-9410 Ext. 229

Organisms Worked With: 1 2 3 4  
 Systematic Techniques: 21 27 28  
 Ecological Interests: 36 40  
 47 50 52  
 Geographical Areas: Wisconsin; Veracruz, Mexico  
 Organism Specialties: Solanaceae, Ulmaceae, Salicaceae, Verbenaceae,  
 Cucurbitaceae, Amaranthaceae and Molluginaceae  
 Ecological Expertise: evaluation and preservation of natural areas

#269

**Dr. R. Dan Neely**

Plant Pathologist  
 Illinois Natural History Survey  
 Section of Botany & Plant Pathology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Missouri 1957  
 Phone (217) 333-6886

Organisms Worked With: 1 5  
 Systematic Techniques: 27 28  
 Ecological Interests: 36 40 44  
 59 60  
 Geographical Areas: Illinois

Organism Specialties: Ulmus, Quercus, Platanus, Malus, Crataegus,  
 Juglans  
 Ecological Expertise: amenity tree and shrub diseases

#270

**Ms. Deborah A. Neher**

Graduate Student  
 University of Illinois  
 Department of Plant Biology  
 289 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

B.S. McPherson College, Kansas 1984  
 Phone (217) 333-1298

Organisms Worked With: 1 7 12  
 Systematic Techniques: 21 33  
 Ecological Interests: 34 35 36 39 40 41 42 43  
 49 50 51 55 56 57 59 60 63 64  
 Geographical Areas:

Organism Specialties: *Helianthus annuus*  
 Ecological Expertise:

#271

**Mr. Harry G. Nelson**  
 Professor  
 Roosevelt University  
 Department of Biology  
 430 S. Michigan Avenue  
 Chicago, IL 60605

B.S. University of Chicago 1945  
 Phone (312) 341-3681

Organisms Worked With: 12  
 Systematic Techniques: 20 21 23 25 27 28 31 33  
 Ecological Interests: 37 40 42  
 51 52 57  
 Geographical Areas: Illinois; northeast North America; worldwide  
 Organism Specialties: Coleoptera - Dryopoidea - Dryopidae, Psephenidae, Elmidae  
 Ecological Expertise: stream biology

#272

**Dr. Lorin I. Nevling, Jr.**  
 Director  
 Field Museum of Natural History  
 Administration  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

Ph.D. Washington University 1959  
 Phone (312) 922-9410

Organisms Worked With: 1  
 Systematic Techniques: 20 21 24 27 28 29 30 31  
 Ecological Interests: 36 40 41  
 52 58  
 Geographical Areas: Veracruz, Mexico  
 Organism Specialties: New World Thymelaeaceae  
 Ecological Expertise:

#273

**Dr. Daniel L. Nickrent**  
 Asst. Professor & Dir. of Herbarium  
 University of Illinois  
 Department of Plant Biology  
 289 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

Ph.D. Miami University-Oxford, Ohio 1984  
 Phone (217) 333-1519

Organisms Worked With: 1 2  
 Systematic Techniques: 20 22 27 28 30 31  
 Ecological Interests:  
 Geographical Areas: western U.S.A., Mexico  
 Organism Specialties: Viscaceae (Loranthaceae) - Arceuthobium spp.  
 Ecological Expertise:

#274

**Mr. Leo G. Nico**  
 Fishery Biologist  
 U.S. Army Corps of Engineers  
 Environmental Analysis Branch  
 215 Central Avenue  
 Collinsville, IL 62234

M.S. 1982

Organisms Worked With: 9 11  
 Systematic Techniques:  
 Ecological Interests: 37 38 40 42  
 46 48 50 52 57  
 Geographical Areas: Madison County and Kaskaskia River, southwest Illinois; West Orinoco River basin, Venezuela  
 Organism Specialties: Cyprinodonts, Gymnotiformes, Serrasalmiae  
 Ecological Expertise: tropical freshwater fish ecology; environmental assessment; avian surveys

#275

**Dr. P. James Nielsen**  
 Professor  
 Western Illinois University  
 Department of Biology  
 Macomb, IL 61455

Ph.D. University of Nebraska 1968  
 Phone (309) 298-1483

Organisms Worked With: 18  
 Systematic Techniques: 22 27  
 Ecological Interests: 37 38 40 41 45  
 63  
 Geographical Areas: McDonough County, Illinois  
 Organism Specialties: ciliates  
 Ecological Expertise: freshwater protozoa, protozoa of activated sludge, regulation of sewage plants

#276

**Mr. H. C. Nilsen**  
 Assistant Professor  
 Eastern Illinois University  
 Department of Zoology  
 Life Science Building  
 Charleston, IL 61920

M.S. University of Illinois 1968  
 Phone (217) 581-2926

Organisms Worked With: 1 10 11 12 13 15 16 18  
 Systematic Techniques: 20 27  
 Ecological Interests: 37 38 39 41 42 45  
 50 52 56 58 59 63  
 Geographical Areas: Coles County, Illinois  
 Organism Specialties:  
 Ecological Expertise: aquatic ecosystems with emphasis on benthic and periphytic habitats

#277

**Dr. Matthew H. Nitecki**

Curator  
 Field Museum of Natural History  
 Department of Geology  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

Ph.D. University of Chicago 1968  
 Phone (312) 922-9410

Organisms Worked With: 7 19  
 Systematic Techniques: 20 21 27 28 33  
 Ecological Interests: 38 39 40 42  
 47 51

Geographical Areas: North America, Europe, Asia and Australia

Organism Specialties: Receptaculatales, Radiocystatales and Cyclocrinatales

Ecological Expertise: paleoecology

#278

**Mr. Charles M. Nixon**

Wildlife Ecologist  
 Illinois Natural History Survey  
 Section of Wildlife Research  
 607 E. Peabody Drive  
 Champaign, IL 61820

M.S. Pennsylvania State University 1959  
 Phone (217) 333-6856

Organisms Worked With: 8

Systematic Techniques:  
 Ecological Interests: 34 42 43  
 46 48 52 58 62

Geographical Areas: east central Illinois, especially Piatt, Champaign  
 and Vermilion Counties

Organism Specialties: Mammalia - Cervidae, Sciuridae

Ecological Expertise: demographic/life history studies of tree squirrels  
 and white-tailed deer

#279

**Mr. Randy W. Nyboer**

District Biologist  
 Illinois Department of Conservation  
 Div. Forest Resources & Natural Heritage  
 2612 Locust Street  
 Sterling, IL 61081

M.S. Eastern Illinois University 1975  
 Phone (815) 625-2968

Organisms Worked With: 1 2 3 4 8 9 10

Systematic Techniques: 21 22 26 31  
 Ecological Interests: 34 35 36 40 42 43 45  
 47 50 52 58 59 60 61 62 63 64 65 66

Geographical Areas: northern and western Illinois; Missouri; Iowa

Organism Specialties: Asteraceae; lichens (foliose, fruticose and  
 squamulose)

Ecological Expertise: natural areas and land assessment; natural  
 community management and classification, field surveys and census;  
 prairies, forest types; small mammal ecology; lead (Pb) contamination

#280

**Dr. Larrance Michael O'Flaherty**

Professor  
 Western Illinois University  
 Department of Biological Sciences  
 Macomb, IL 61455

Ph.D. Oregon State University 1968  
 Phone (309) 298-1487

Organisms Worked With: 4 7

Systematic Techniques: 20 21 27 28  
 Ecological Interests: 37 38 39 40 41 42 43 44  
 50 58 63 64

Geographical Areas: west central Illinois

Organism Specialties: freshwater algae; bryophytes

Ecological Expertise: phytoplankton ecology

#281

**Steve Packard**

Field Representative  
 The Nature Conservancy  
 79 W. Monroe  
 Chicago, IL 60603

Phone (312) 346-8166

Organisms Worked With: 1

Systematic Techniques: 21  
 Ecological Interests: 34 35 36 40 41 42 45  
 54 58 59 60 61 63 65

Geographical Areas: northeastern Illinois

Organism Specialties:

Ecological Expertise: management, restoration and population monitoring  
 of prairies and fens

#282

**Dr. Lawrence M. Page**

Ichthyologist  
 Illinois Natural History Survey  
 Section of Faunistic Surveys  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Illinois 1972  
 Phone (217) 333-6847

Organisms Worked With: 11 13

Systematic Techniques: 21 22 23 27 28 30 31  
 Ecological Interests: 37 40 42 43  
 46 48 51

Geographical Areas: North America

Organism Specialties: Percidae, Cyprinidae and Camaridae

Ecological Expertise: life histories; natural areas; evolutionary  
 ecology

#283

**Mr. Ronald J. Panzer**

Naturalist  
 Northeastern Illinois University  
 Department of Biology  
 5500 N. St. Louis Avenue  
 Chicago, IL 60626

B.S. Northeastern Illinois University 1980  
 Phone (312) 583-4050

Organisms Worked With: 1 12  
 Systematic Techniques: 21  
 Ecological Interests: 35 40 41 42  
 47 48 50 52 58  
 Geographical Areas: northeastern Illinois

Organism Specialties:

Ecological Expertise: prairie management; prairie insect communities  
 prairie plant communities

#284

**Dr. Thomas Park**

Professor Emeritus  
 University of Chicago  
 Department of Biology  
 1103 E. 57th Street  
 Chicago, IL 60637

Ph.D. University of Chicago 1932  
 Phone (312) 643-4299

Organisms Worked With: 12  
 Systematic Techniques:  
 Ecological Interests: 34 43 45  
 48 55

Geographical Areas:

Organism Specialties:

Ecological Expertise: population ecology; laboratory studies of  
 competition

#285

**Dr. Pamela J. Parker**

Conservation Biologist  
 Chicago Zoological Society  
 Research Department  
 3300 Golf Road  
 Brookfield, IL 60513

Ph.D. Yale University 1974  
 Phone (312) 485-0263 Ext. 448

Organisms Worked With: 1 6 8  
 Systematic Techniques:  
 Ecological Interests: 34 35 36 40 41 43  
 46 47 48 50 51 52 55 56 57 58 59 60 61 62 63 65

Geographical Areas: Brookfield Conservation Park, Blanchetown,  
 South Australia

Organism Specialties: Macropodidae, Vombatidae, Lagomorpha, Carnivora;  
 Australian perennial arid zone woody plants, grasses and ephemerals,  
 and lichens  
 Ecological Expertise: wildlife ecology

#286

**Dr. Judith A. Damery Parrish**

Research Associate - Forestry  
 University of Illinois  
 Dept. of Plant Biology & Forestry  
 RR 1 Box 24  
 Blue Mound, IL 62513

Ph.D. University of Illinois 1978  
 Phone (217) 676-8341

Organisms Worked With: 1  
 Systematic Techniques: 31  
 Ecological Interests: 34 35 40 41 42 43 44  
 47 48 50 51 56 57 58 59 63 65

Geographical Areas: Ford, Champaign and Christian Counties, Illinois;  
 Comanche County, Oklahoma

Organism Specialties:

Ecological Expertise: competition; pollination biology; prairie ecology

#287

**Dr. Bruce D. Patterson**

Assistant Curator  
 Field Museum of Natural History  
 Division of Mammals  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605-2496

Ph.D. New Mexico State University 1981  
 Phone (312) 922-9410 Ext. 227

Organisms Worked With: 8  
 Systematic Techniques: 20 21 28 30  
 Ecological Interests: 40 42  
 48 51

Geographical Areas: Colorado, New Mexico; Chile

Organism Specialties: Rodentia: Sciuridae - Eutamias; Geomyidae -  
 Thomomys; Cricetidae in South America  
 Ecological Expertise:

#288

**Mr. Ray L. Pawley**

Curator  
 Chicago Zoological Park  
 Herpetology Department  
 Brookfield, IL 60513

Phone (312) 485-0263

Organisms Worked With: 8 9 10  
 Systematic Techniques: 21 26 27 33  
 Ecological Interests: 34 41 42 44 45  
 46 51 53 56 57 58

Geographical Areas: Cook and DuPage Counties, Illinois; New Mexico,  
 South Dakota, Michigan and Georgia; Mexico; Dominican Republic;  
 Galapagos Islands

Organism Specialties: Reptilia and Amphibia  
 Ecological Expertise: zoological parks

#289

**Mrs. Lisa Brooks Pendergast**  
 Aquatic Ecologist  
 Woodhaven Association  
 P.O. Box 6  
 Sublette, IL 61367

M.S. Clarion State 1980  
 Phone (815) 849-5916

Organisms Worked With: 7 11 12

Systematic Techniques: 27

Ecological Interests: 39 43 45  
 62

Geographical Areas: Lee County, Illinois  
 Organism Specialties: Chironomidae

Ecological Expertise: lake management: weeds, sediments, fisheries, chemistry and mosquito abatement

#290

**Dr. Charles H. Perino**  
 Chief, Natural Science  
 Illinois Dept. of Transportation  
 Bureau of Location and Environment  
 2300 S. Dirksen Parkway  
 Springfield, IL 62764

Ph.D. North Carolina State University 1978  
 Phone (217) 785-2943

Organisms Worked With: 1

Systematic Techniques: 27 28

Ecological Interests: 35 40 41 42 43  
 47 50 63

Geographical Areas: southwestern U.S.A.; Mexico

Organism Specialties: Caprifoliaceae - Lonicera; Asteraceae

Ecological Expertise: vegetation analysis and description

#291

**Dr. Janice V. Perino**  
 Manager and Ecotoxicologist  
 Illinois E.P.A.  
 Office of Chemical Safety  
 2200 Churchill Road  
 Springfield, IL 62706

Ph.D. North Carolina State University 1975  
 Phone (217) 785-0830

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 41 43  
 64

Geographical Areas:

Organism Specialties:

Ecological Expertise: ecotoxicology; wetlands; endangered species; community description; impact analysis

#292

**Dr. Bruce W. Petersen**  
 Assistant Professor  
 Southern Illinois University  
 Department of Zoology  
 Carbondale, IL 62901

Ph.D. University of Colorado 1968  
 Phone (618) 536-2314

Organisms Worked With: 1 12 14

Systematic Techniques:

Ecological Interests: 35 36 40 43  
 47 50 52 53 61

Geographical Areas: Jackson, Williamson and Union Counties, Illinois  
 Organism Specialties:

Ecological Expertise: pollination ecology; mimicry theory; terrestrial microarthropods

#293

**Dr. David P. Philipp**  
 Associate Fisheries Geneticist  
 Illinois Natural History Survey  
 Section of Aquatic Biology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Massachusetts 1976  
 Phone (217) 333-6897

Organisms Worked With: 11

Systematic Techniques: 20 22 25 26 31

Ecological Interests: 37 40 41 42 43 45  
 46 51 57

Geographical Areas: North America

Organism Specialties: Centrarchidae

Ecological Expertise: ecological genetics

#294

**Dr. Tom L. Phillips**  
 Professor & Head  
 University of Illinois  
 Department of Plant Biology  
 289 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

Ph.D. Washington University-St. Louis 1961  
 Phone (217) 333-0653

Organisms Worked With: 2 3

Systematic Techniques: 20 21 27 29

Ecological Interests: 35 36 40 41 42  
 51 63

Geographical Areas: fossil coal-swamp plants of eastern U.S.A., western Europe, Donetz (U.S.S.R.) and southwest China

Organism Specialties: fossil ferns - Coenopteridales, Marattiaceae; fossil lycopods - Lepidodendrales

Ecological Expertise: Pennsylvanian-age paleotropical ecology, with emphasis on reproductive biology and community ecology of vascular plants

#295

**Dr. Ronald H. Pine**  
 Professor  
 George Williams College  
 LERA  
 555 Thirty-first Street  
 Downers Grove, IL 60515-9960

Ph.D. Texas A & M University 1968  
 Phone (312) 964-3100 Ext. 356

Organisms Worked With: 8 9 10 11 12 13 14 15  
 Systematic Techniques: 20 21 27 28  
 Ecological Interests: 34 35 40 41 42 43  
 46 47 48 50 51 52 53 54 62 63  
 Geographical Areas: DuPage County, Illinois; West Indies, Mexico,  
 Central America and South America  
 Organism Specialties: bats, rodents, opossums

Ecological Expertise: environmental impact, faunal surveys, ecological  
 assessment; reproductive ecology, evolutionary ecology

#296

**Dr. John J. Pizzimenti**  
 Senior Ecologist  
 Harza Engineering Co.  
 Department of Environmental Sciences  
 150 S. Wacker Drive  
 Chicago, IL 60606

Ph.D. Kansas University 1974  
 Phone (312) 855-7000

Organisms Worked With: 8 9 10 11  
 Systematic Techniques: 21  
 Ecological Interests: 35 38 41 42 43 44 45  
 50 61 62  
 Geographical Areas: Illinois, western U.S.A.; Latin America

Organism Specialties: Rodentia

Ecological Expertise: human ecology, human impacts; water resources,  
 dams, reservoirs, hydroelectric energy development

#297

**Dr. Roy E. Plotnick**  
 Assistant Professor  
 University of Illinois at Chicago  
 Department of Geological Sciences  
 Box 4348  
 Chicago, IL 60680

Ph.D. University of Chicago 1983  
 Phone (312) 996-2111

Organisms Worked With: 13 14 19  
 Systematic Techniques: 21 23 30 33  
 Ecological Interests: 38 39 40 42  
 51 66

Geographical Areas: worldwide

Organism Specialties: fossil chelicerates, especially eurypterids and  
 xiphosurans; recent partunid crabs

Ecological Expertise: paleoecology, processes of decomposition

#298

**Dr. Timothy Plowman**  
 Associate Curator  
 Field Museum of Natural History  
 Botany Department  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605-2496

Ph.D. Harvard University 1973  
 Phone (312) 922-9410 Ext. 317

Organisms Worked With: 1  
 Systematic Techniques: 20 21 22 24 26 27 28 29  
 Ecological Interests:

Geographical Areas: Dauphin and Sullivan Counties, Pennsylvania;  
 tropical South America (especially Peru, Ecuador, Columbia, Brazil and  
 Venezuela)

Organism Specialties: Erythroxylaceae - Erythroxylum; Solanaceae -  
 Brunfelsia, Brugmansia

Ecological Expertise: floristics and ethnobotany

#299

**Mr. Alfred F. Pogge**  
 Associate Professor  
 Quincy College  
 Biology Department  
 Quincy, IL 62301

M.S. University of Wyoming 1962  
 Phone (217) 222-8020 Ext. 373

Organisms Worked With: 1 11 12  
 Systematic Techniques: 20 27  
 Ecological Interests: 37 38 42 45  
 50

Geographical Areas: Adams and Pike Counties, Illinois; Mississippi  
 River between Hannibal and LaGrange, Missouri

Organism Specialties: Plecoptera, Ephemeroptera, Trichoptera;  
 angiosperms

Ecological Expertise: limnology of small lakes and streams; local spring  
 flowering plants

#300

**Mr. Irwin Polls**  
 Aquatic Biologist  
 Metro. Sanitary District of Chicago  
 Biology Research  
 550 S. Merchandise Road  
 Schaumburg, IL 60193

M.S. Oregon State University 1970  
 Phone (312) 529-7700

Organisms Worked With: 12 13 15 16  
 Systematic Techniques: 20 21 27 28  
 Ecological Interests: 38 39 41 43 44  
 47 50 64

Geographical Areas: Cook County, northeastern Illinois

Organism Specialties: Chironomidae, Tubificidae

Ecological Expertise: water quality and environmental problems

#301

**Mr. Thomas A. Pooley**

Graduate Student

7410 Dixon, Apt. H.  
Forest Park, IL 60130B.A. So. Illinois University 1973  
Phone (312) 366-2352Organisms Worked With: 12  
Systematic Techniques: 27 28  
Ecological Interests: 37 38 39 40 45  
47 48 66Geographical Areas: DeKalb and Kane Counties, Illinois  
Organism Specialties: Odonata

Ecological Expertise: aquatic ecology, aquatic insects and their life histories

#302

**Dr. Thomas L. Poulson**Professor  
University of Illinois  
Department of Biological Sciences  
P.O. Box 4348  
Chicago, IL 60680Ph.D. University of Michigan 1961  
Phone (312) 996-4537Organisms Worked With: 1 3 8 9 10 11 12 13 14  
Systematic Techniques:  
Ecological Interests: 34 35 36 37 38 39 40 41 42 43 44  
48 50 51 52 56 57 58 59 60 63Geographical Areas: Union, Cook and Lake Counties, Illinois; Warren  
Dunes, Michigan; Mammoth Cave, Kentucky; Panama; Brazil  
Organism Specialties:Ecological Expertise: physiological and evolutionary ecology; floating  
plants, aquatic microcosms; hardwood forest dynamics; caves; dunes; birds;  
fish; crustaceans; functional morphology

#303

**Dr. James R. Purdue**Curator  
Illinois State Museum  
Zoology Section  
Spring & Edwards  
Springfield, IL 62706Ph.D. University of Oklahoma 1974  
Phone (217) 785-4843Organisms Worked With: 8  
Systematic Techniques: 27 30  
Ecological Interests: 40  
51 66

Geographical Areas:

Organism Specialties: North American mammals, especially *Odocoileus*

Ecological Expertise: Holocene paleobiology of North American mammals

#304

**Mr. Steven F. Railsback**Environmental Engineer  
Ft. Richardson Engin. & Housing  
Environmental Branch  
Attn. AFZT-EH-PSE  
Ft. Richardson, AK 99508M.S. University of Illinois 1981  
Phone (907) 863-7185Organisms Worked With: 11 12  
Systematic Techniques: 33  
Ecological Interests: 37 41 42 43 45  
50 55Geographical Areas: Illinois, especially the Kaskaskia River and  
Champaign and Vermilion Counties; Arctic regions

Organism Specialties: aquatic macroinvertebrates and fishes

Ecological Expertise: habitat modelling and instream flow needs for fish  
and aquatic invertebrates

#305

**Mr. Arlo J. Raim**Research Assistant  
Illinois Natural History Survey  
Section of Wildlife Research  
607 E. Peabody Drive  
Champaign, IL 61820M.A. Western Michigan University 1975  
Phone (217) 333-0507Organisms Worked With: 1 9  
Systematic Techniques:  
Ecological Interests: 34 40 42  
46 48 52

Geographical Areas: east central Illinois; Wisconsin

Organism Specialties:

Ecological Expertise: movements and behavior of brown-headed cowbirds;  
field census and banding of birds; study of bird movements through use of  
radio telemetry

#306

**Dr. James R. Rastorfer**Professor & Chairman  
Chicago State University  
Department of Biological Sciences  
95th Street and King Drive  
Chicago, IL 60466Ph.D. Washington State University 1967  
Phone (312) 995-2183Organisms Worked With: 1 4  
Systematic Techniques: 27 28  
Ecological Interests: 34 35 42 43  
47 57 60 61 63Geographical Areas: Illinois, especially Grundy County; Midwest  
grasslands and woodlands; Alaskan tundra

Organism Specialties: Bryophyta - Musci

Ecological Expertise: physiological ecology of bryophytes and the role  
of bryophytes in the structure and function of biotic communities

#307

**Mr. James Vernon Rauff**

Professor

College of Lake County

Division Math, Engineering & Phys. Sci.  
Grayslake, IL 60030M.A. Loyola University of Chicago 1981  
Phone (312) 223-6601

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 34 35 36 40 42 45  
46 51 55 58

Geographical Areas:

Organism Specialties:

Ecological Expertise: mathematical modelling of primate behavior and ecology

#308

**Dr. Paul L. Redfearn, Jr.**

Professor

Southwest Missouri State University

Department of Biology

Springfield, MO 65804

Ph.D. Florida State University 1957  
Phone (417) 836-5882

Organisms Worked With: 1 3 4

Systematic Techniques: 21

Ecological Interests: 36 42 43  
50 52 63

Geographical Areas: Ozark Hills

Organism Specialties: bryophytes

Ecological Expertise:

#309

**Dr. Charles A. Reed**

Professor Emeritus

University of Illinois at Chicago

Department of Anthropology

Box 4348

Chicago, IL 60680

Ph.D. Univ. of California-Berkeley 1943  
Phone (312) 996-9610

Organisms Worked With: 8 10

Systematic Techniques: 20

Ecological Interests:  
51 53 66Geographical Areas: western U.S.A. (Tertiary); Iraq, Iran and Egypt  
(Quaternary)Organism Specialties: Insectivora - Talpidae and other small extinct  
burrowing mammals

Ecological Expertise: prehistoric human cultural evolution

#310

**Mr. Stewart Bowman Reid**

Graduate Student

Southern Illinois University

Department of Biology

Edwardsville, IL 62026

B.A. Univ. of California-Berkeley 1978  
Phone (618) 692-3927

Organisms Worked With: 11

Systematic Techniques: 21 23 27 28

Ecological Interests: 37

46 48 52

Geographical Areas: northern South America, especially Venezuela

Organism Specialties: Pimelodidae - Pseudoplatystoma; Cichlidae -

Crenicichla

Ecological Expertise: tropical aquatic systems and resources; aerial  
population censusing (large birds, crocodiles)

#311

**Dr. Keturah A. Reinbold**

Associate Professional Scientist

Illinois Natural History Survey

Section of Aquatic Biology

607 E. Peabody Drive

Champaign, IL 61820

Ph.D. University of Illinois 1974  
Phone (217) 333-6897

Organisms Worked With: 7 11 12 13 15 16

Systematic Techniques: 20 27 28

Ecological Interests: 37 38 39 40 41 42 43 44 45

50 57 64

Geographical Areas:

Organism Specialties:

Ecological Expertise: impacts of environmental contaminants,  
particularly in aquatic ecosystems

#312

**Mr. Eric M. Reishus**

Biologist

Union Electric Company

Environmental Services Department

P.O. Box 149, Code 602

St. Louis, MO 63166

M.S. S. Illinois Univ.-Edwardsville 1982  
Phone (314) 554-2978

Organisms Worked With: 1 9 10 11 12 13 15 16

Systematic Techniques: 20 26 27

Ecological Interests: 34 35 36 37 38 39 41 42 43  
47 50 52 53 55 56 62 63 54 65Geographical Areas: aquatic: middle Mississippi River, lower Missouri  
River, lower Osage River, lower Illinois River; terrestrial: central  
eastern Missouri, southeast Iowa

Organism Specialties: teleost fishes; Mollusca; some Diptera; Copepoda

Cladocera

Ecological Expertise: environmental assessment; population dynamics;  
resource management

#313

**Mr. Alan Robert Resetar**  
 Collection Manager  
 Field Museum of Natural History  
 Division of Amphibians and Reptiles  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605-2496

B.S. Purdue University-Calumet 1978  
 Phone (312) 922-9410 Ext. 271

Organisms Worked With: 1 10  
 Systematic Techniques: 21 27 28  
 Ecological Interests: 35 40 42 43  
 47 50 52

Geographical Areas: Cook County, Illinois; Lake and Porter Counties, Indiana; central and southern Africa; Libya

Organism Specialties: African colubrid snakes: *Polemon*, *Chilorhinophis* and *Poecilopholis*

Ecological Expertise: field census of amphibians, reptiles, fish and prairie plants

#314

**Dr. Garland T. Riegel**  
 Professor Emeritus  
 Eastern Illinois University  
 Department of Zoology  
 Charleston, IL 61920

Ph.D. University of Illinois 1947  
 Phone (217) 345-6164

Organisms Worked With: 12  
 Systematic Techniques: 20 21 27 28  
 Ecological Interests:

58

Geographical Areas: U.S.A. and Canada

Organism Specialties: Zoraptera; Hymenoptera: Braconidae, Dacnusinae - Chaenuusa, Chorebidella, Chorebidea, Symphya, Sarops, Coelinidea, Choribus

Ecological Expertise:

#315

**Dr. Paul G. Risser**  
 Chief  
 Illinois Natural History Survey  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Wisconsin 1967  
 Phone (217) 333-6830

Organisms Worked With: 1  
 Systematic Techniques:  
 Ecological Interests: 34 35 36 40 41 42 45

47 49 50 52 54 57 60 61 62 63

Geographical Areas: Illinois, Oklahoma

Organism Specialties:

Ecological Expertise: community analysis, ecosystem modelling, resource management

#316

**Dr. Kenneth Ray Robertson**  
 Associate Botanist  
 Illinois Natural History Survey  
 Section of Botany & Plant Pathology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. Washington University 1971  
 Phone (217) 333-6886

Organisms Worked With: 1  
 Systematic Techniques: 23 24 27 28 29  
 Ecological Interests:

50 51 65

Geographical Areas: Illinois; southeastern U.S.A.

Organism Specialties: Rosaceae; Amaranthaceae - Amaranthus;  
 Convolvulaceae - Jacquemontia  
 Ecological Expertise: natural areas, prairies

#317

**Dr. Philip A. Robertson**  
 Associate Professor  
 Southern Illinois University  
 Department of Botany  
 Carbondale, IL 62901

Ph.D. Colorado State University 1968  
 Phone (618) 536-2331

Organisms Worked With: 1  
 Systematic Techniques:  
 Ecological Interests: 34 35 40 41 42 43 45

47 54 60 63

Geographical Areas: southern Illinois

Organism Specialties:

Ecological Expertise: plant community ecology, soil-site relationships of bottomland forests, forest regrowth and succession

#318

**Dr. Scott K. Robinson**  
 Assistant Professional Scientist  
 Illinois Natural History Survey  
 Section of Wildlife Research  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. Princeton University 1984  
 Phone (217) 333-6857

Organisms Worked With: 9  
 Systematic Techniques:  
 Ecological Interests: 34 35 40 42 43

46 48 50 51 54

Geographical Areas: Lake Shelbyville, Pope and Union Counties, Illinois; Manu National Park, Peru

Organism Specialties:

Ecological Expertise: community ecology of forest birds in temperate and tropical regions; mating systems of birds; foraging ecology of birds; brood parasitism; habitat selection

#319

**Dr. Gary L. Rolfe**  
 Professor & Head  
 University of Illinois  
 Department of Forestry  
 110 Mumford Hall, 1301 W. Gregory St.  
 Urbana, IL 61801

Ph.D. University of Illinois 1971  
 Phone (217) 333-2771

#320

**Mrs. Ruth Andrews Rosdail**  
 Biologist  
 U.S. Army Corps of Engineers  
 Environmental Analysis Branch  
 Clock Tower Building  
 Rock Island, IL 61201

B.S. Eastern Michigan University 1977  
 Phone (309) 788-6361

#321

**Dr. George B. Rose**  
 Staff Ecologist  
 Illinois Dept. of Transportation  
 Bureau of Location and Environment  
 2300 S. Dirksen Parkway  
 Springfield, IL 62764

Ph.D. University of Georgia 1969  
 Phone (217) 785-2830

#322

**Mr. John L. Roseberry**  
 Associate Scientist  
 Southern Illinois University  
 Cooperative Wildlife Research Lab.  
 Carbondale, IL 62901

M.A. So. Illinois Univ.-Carbondale 1961  
 Phone (618) 536-7766

#323

**Mr. Mark A. Rosenthal**  
 Curator of Mammals  
 Lincoln Park Zoo  
 2200 N. Cannon Drive  
 Chicago, IL 60614

M.A. Northeastern Illinois University 1976  
 Phone (312) 294-4660

#324

**Dr. William G. Ruesink**  
 Associate Entomologist  
 Illinois Natural History Survey  
 Section of Economic Entomology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. Michigan State University 1972  
 Phone (217) 333-6820

Organisms Worked With: 1

Systematic Techniques:

Ecological Interests: 34 35 36 40 41 42 43 45  
 49 50 55 56 61 62 63

Geographical Areas: southern Illinois bottomlands along the Ohio,  
 Wabash and Mississippi Rivers; Shawnee National Forest, especially Pope  
 County; central Illinois bottomlands on the Illinois and Sangamon Rivers  
 Organism Specialties:

Ecological Expertise: mineral cycling; soil-plant interactions

Organisms Worked With: 1 2 8 9 10 11 15

Systematic Techniques: 21

Ecological Interests: 36 39 40 42 43 44 45  
 46 48 50 52 54 58 62 65

Geographical Areas: Iowa, Missouri, Wisconsin

Organism Specialties:

Ecological Expertise:

Organisms Worked With: 8 9 10 11

Systematic Techniques:

Ecological Interests: 34 35 36 40 41 42 43  
 48 49 50 54 56 63

Geographical Areas:

Organism Specialties:

Ecological Expertise: ecology of cottontail rabbits; radionuclide  
 cycling; small mammals; ecological energetics; endangered species;  
 ecological effects of transportation projects

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 40 41 42 45  
 48 62

Geographical Areas: southern Illinois

Organism Specialties:

Ecological Expertise:

Organisms Worked With: 8

Systematic Techniques: 26 31

Ecological Interests: 36 44 45  
 46 48 58

Geographical Areas:

Organism Specialties: Primata; Marsupialia; Insectivora

Ecological Expertise:

Organisms Worked With: 12

Systematic Techniques: 21 27

Ecological Interests: 34 41 45  
 55 58

Geographical Areas: Illinois, eastern U.S.A.

Organism Specialties: Coleoptera - Chrysomelidae - Hispinae

Ecological Expertise: modelling insect population dynamics and  
 insect/crop interactions

#325

**Dr. Glen C. Sanderson**  
 Wildlife Specialist & Sec. Head  
 Illinois Natural History Survey  
 Section of Wildlife Research  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Illinois 1961  
 Phone (217) 333-6870

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34

50 52 62

Geographical Areas: Champaign and Fulton Counties, west central Illinois

Organism Specialties:

Ecological Expertise: ecology of the raccoon

#326

**Dr. Malcolm Lee Sargent**  
 Associate Professor  
 University of Illinois  
 Dept. of Genetics & Development  
 515 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

Ph.D. Stanford University 1967  
 Phone (217) 333-0287

Organisms Worked With: 4 5

Systematic Techniques: 22 27 31

Ecological Interests:

Geographical Areas: east central Illinois, west central Indiana

Organism Specialties: Bryophyta

Ecological Expertise: reproductive biology: phenology and environmental control of reproduction

#327

**Dr. J. Henry Sather**  
 Professor  
 Western Illinois University  
 Institute for Environmental Mgt.  
 Macomb, IL 61455

Ph.D. University of Nebraska 1952  
 Phone (309) 833-5341

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 39 41 42 43 44 45

50 54 58 62 63

Geographical Areas: U.S.A., India

Organism Specialties:

Ecological Expertise: wetlands: inventory, assessment of values, and classification

#328

**Dr. Jeffery J. Saunders**  
 Associate Curator  
 Illinois State Museum  
 Dept. of Vertebrate Paleontology  
 Spring and Edwards  
 Springfield, IL 62706

Ph.D. University of Arizona 1975  
 Phone (217) 785-4844

Organisms Worked With: 8

Systematic Techniques: 20 21 27 28 33

Ecological Interests: 34 35 40 42

50 51 55 58 63 66

Geographical Areas: central Illinois; western Missouri and Missouri Ozarks; New Mexico; northern Pakistan

Organism Specialties: Proboscidea: Mammuthidae, Elephantidae; Mammut, Mammuthus

Ecological Expertise: plant/animal and man/animal interactions at the end of the Pleistocene (ca. 12,000 - 10,000 years ago), involving, specifically, mastodonts and mammoths

#329

**Mr. Scott A. Schaefer**  
 Graduate Student  
 University of Chicago  
 Committee on Evolutionary Biology  
 1101 E. 57th Street  
 Chicago, IL 60637

M.S. Univ. of South Carolina 1982

Organisms Worked With: 11

Systematic Techniques: 20 21 23 27

Ecological Interests: 37 38 40 42 43

48 51

Geographical Areas: Illinois, Indiana, Ohio, Missouri, Pennsylvania; South America

Organism Specialties: Pisces - Teleostomi, Ostariophysi: Cyprinidae - Notropis; Siluriformes - Loricariidae

Ecological Expertise: marine: early life history of fishes, recruitment and population dynamics; freshwater: trophic and habitat zonation

#330

**Dr. Douglas W. Schemske**  
 Assistant Professor  
 University of Chicago  
 Department of Biology  
 5630 S. Ingleside  
 Chicago, IL 60637

Ph.D. University of Illinois 1977  
 Phone (312) 962-3417

Organisms Worked With: 1 12

Systematic Techniques:

Ecological Interests: 34 35 41 42

48 51 58

Geographical Areas:

Organism Specialties:

Ecological Expertise: plant reproduction; pollination; coevolution

#331

**Dr. Wayne Edward Schennum**  
 Ecologist  
 Iowa Natural Areas Inventory  
 Iowa Conservation Commission  
 Wallace State Office Building  
 Des Moines, IA 50319

Ph.D. Univ. of Illinois at Chicago 1975  
 Phone (515) 281-3891

Organisms Worked With: 1 2 3 10 12

Systematic Techniques: 20 21 27

Ecological Interests: 35 38 40 42

47 48 50 51 52 58 63

Geographical Areas: northeast and north central Illinois, Iowa, southeast Wisconsin, northwest Indiana and southwest Michigan  
 Organism Specialties: Lepidoptera - Papilionidea; angiosperms

Ecological Expertise: vegetation ecology; classification and evaluation of plant communities for inventory purposes; successional and geological relations, biogeographic history and management of natural communities

#332

**Mr. Jerry Roy Schloemer**  
 Owner, biological supply company  
 Complete Scientific  
 P.O. Box 307

Round Lake, IL 60073

B.S. Stanford University  
 Phone (312) 546-3350

Organisms Worked With: 1 9 12

Systematic Techniques: 21 27 28

Ecological Interests:

Geographical Areas: Illinois plants; worldwide insects and birds  
 Organism Specialties: Papilionidae, Nymphalidae, Saturnidae, Lucanidae

Ecological Expertise:

#333

**Mr. George H. Schneider**  
 Associate Professor  
 Quincy College  
 Department of Biological Sciences  
 1831 College  
 Quincy, IL 62301

M.S. University of Nebraska 1963  
 Phone (217) 222-8020

Organisms Worked With: 1 8 9 15

Systematic Techniques: 20 21 27 28

Ecological Interests: 34 35 37 40 42 43

50 52 62

Geographical Areas: Adams and Pike Counties, Illinois

Organism Specialties: Unionida, Aves and Mammalia

Ecological Expertise: wildlife management

#334

**Jean D. Schoknecht**  
 Associate Mycologist (adjunct)  
 Illinois Natural History Survey  
 Department of Botany and Plant Pathology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Illinois 1972  
 Phone (217) 333-6887

Organisms Worked With: 5 6 19

Systematic Techniques: 27 28 33

Ecological Interests: 36 37 40 42 43 44 45

48 50 56 59

Geographical Areas: Champaign, Clark and Vermilion Counties, Illinois; southern Illinois; Indiana; Georgia and Florida

Organism Specialties: Fungi: Ascomycetes, Myxomycetes, lichens, Hyphomycetes, Basidiomycetes

Ecological Expertise: terrestrial, swamps and bogs, especially subtropical

#335

**Dr. Peter Schramm**  
 Professor & Field Station Director  
 Knox College  
 Biology Department  
 Galesburg, IL 61401

Ph.D. Univ. of California-Berkeley 1963  
 Phone (309) 343-0112 Ext. 399

Organisms Worked With: 1 8 9

Systematic Techniques: 20 21 23 24 27 28 31

Ecological Interests: 34 35 36 40 41 42 43 45

46 48 50 52 54 58 59 60 61 62 63 65

Geographical Areas: Knox County, Illinois; Iowa; Florida Keys

Organism Specialties: Rodentia, Carnivora; prairie plants

Ecological Expertise: prairie restoration, prairie mammals and birds, natural habitat management and restoration - prairies, forests and wetlands

#336

**Mr. John Edwin Schwegman**  
 Botany Program Manager  
 Illinois Department of Conservation  
 Div. of Forest Resources & Nat. Heritage  
 600 North Grand Avenue West  
 Springfield, IL 62706

M.A. Southern Illinois University 1969  
 Phone (217) 782-2361

Organisms Worked With: 1 2 3

Systematic Techniques: 21 27 28

Ecological Interests: 34 35 41 42 45

47 50 52 62 63 65

Geographical Areas: Illinois

Organism Specialties: Illinois vascular plants, especially endangered and threatened species

Ecological Expertise: natural vegetation ecology and management

#337

**David S. Seigler**  
 Professor  
 University of Illinois  
 Department of Plant Biology  
 289 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

Ph.D. University of Oklahoma-Norman 1967  
 Phone (217) 333-7577

Organisms Worked With: 1 3 12  
 Systematic Techniques: 21 22 23 28 30 31  
 Ecological Interests: 34  
 51 58 59 60  
 Geographical Areas: Illinois; southwestern U.S.A., Texas; Mexico; Latin America  
 Organism Specialties: Fabaceae, especially Mimosoideae - Acacia; Sapindaceae; cheilanthoid ferns  
 Ecological Expertise: utilization of chemical characters based on secondary plant metabolites for study of ecological problems

#338

**Ms. Jean A. Sellar**  
 Instructor  
 De Paul University  
 School of New Learning  
 23 E. Jackson Boulevard  
 Chicago, IL 60643

M.S. Governors State University 1979  
 Phone (312) 445-5265

Organisms Worked With: 8 9  
 Systematic Techniques:  
 Ecological Interests: 35 42 43 45  
 46 50 52 58 62  
 Geographical Areas: northeast Illinois; Upper Michigan; Minnesota; Canada  
 Organism Specialties:  
 Ecological Expertise: behavioral ecology; animal management and protection

#339

**Mr. Thomas N. Seng**  
 Division Manager  
 Soyland Power Cooperative Inc.  
 Administrative Services  
 675 W. Imboden, P.O. Box A1606  
 Decatur, IL 62525

M.S. Eastern Illinois University 1970  
 Phone (217) 423-8000

Organisms Worked With:  
 Systematic Techniques: 27 28  
 Ecological Interests: 36 39 40 41 42  
 50  
 Geographical Areas: Pike County, Illinois; Wabash River, Illinois River, Mississippi River; Iowa  
 Organism Specialties: Chironomidae, Tubificidae  
 Ecological Expertise: environmental impact assessment

#340

**Ms. Mary C. Severinghaus**  
 Lab Preparator & Education Spec.  
 University of Illinois  
 School of Life Sciences  
 393 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

B.S. University of Illinois 1973  
 Phone (217) 333-7428

Organisms Worked With: 8 9 12  
 Systematic Techniques:  
 Ecological Interests: 36  
 46 52  
 Geographical Areas: Louisiana, Minnesota, North Dakota and Montana  
 Organism Specialties:  
 Ecological Expertise: censusing and sampling of bird and small mammal populations

#341

**Dr. William D. Severinghaus**  
 Ecologist  
 U.S.A.-C.E.R.L.  
 Environmental Division  
 P.O. Box 4005  
 Champaign, IL 61820

Ph.D. University of Illinois 1976  
 Phone (217) 352-6511 Ext. 420

Organisms Worked With: 8 9  
 Systematic Techniques: 20 21 23 28  
 Ecological Interests: 34 35 41 42 43 45  
 50 52 55 61 62  
 Geographical Areas: major U.S. Army training lands in Louisiana, Texas, Washington, Kentucky, Colorado, Kansas, Georgia, California, New York, North Carolina, Alabama and Oklahoma  
 Organism Specialties: Rodentia - Cricetidae - Microtus, Sigmodon  
 Ecological Expertise: effects of off-road vehicles on small mammal, song bird and vascular plant populations; impact mitigation

#342

**Mr. Walter Steven Sheppard**  
 Research Assistant  
 University of Illinois  
 Department of Entomology  
 320 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

M.S. University of Illinois 1980  
 Phone (217) 333-2929

Organisms Worked With: 1 12  
 Systematic Techniques: 21 22 26 27  
 Ecological Interests: 34 40 41  
 46 51  
 Geographical Areas: eastern U.S.A., Norway, Germany, Italy and Sri Lanka  
 Organism Specialties: Hymenoptera, especially Apis  
 Ecological Expertise: pollination ecology, behavioral ecology

#343

**Mr. Paul Wayne Shetley**  
 Environmental Scientist  
 Envirodyne Engineers Inc.  
 Science and Engineering  
 12161 Lackland Road  
 St. Louis, MO 63146

M.S. So. Illinois Univ.-Edwardsville 1983  
 Phone (314) 434-6960

Organisms Worked With: 10 11  
 Systematic Techniques: 21 25 31  
 Ecological Interests: 36 38 39 40 41 43  
 46 48 50 66  
 Geographical Areas: Madison County, Illinois; sandy environments in Illinois  
 Organism Specialties: Anura - Hylidae - Pseudacris streckeri  
 Ecological Expertise: aquatic ecology, especially small stream and wetlands habitat classification

#344

**Dr. Rolf Singer**  
 Professor Emeritus/ Research Assoc.  
 Field Museum of Natural History  
 Botany Department  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

Dr. S. Universite de Lausanne-Switzerland 1977

Organisms Worked With: 5 6  
 Systematic Techniques: 20 21 23 24 25 27 28 30 31 33  
 Ecological Interests: 35 36 40 41 42 43  
 47 51 52 58 59 60 63 64  
 Geographical Areas: northern Illinois, Massachusetts, Florida, New Mexico, California; Argentina, Brazil, Peru, Ecuador, Columbia, Uruguay, Costa Rica, Mexico; Spain, France, Austria, Switzerland, U.S.S.R., Japan  
 Organism Specialties: Basidiomycetes, especially Agaricales; ectomycorrhizal fungi  
 Ecological Expertise: tropical community classification and the roles and adaptation of fungi to these communities

#345

**Dr. Jeffery R. Single**  
 Researcher  
 Southern Illinois University  
 School of Medicine  
 Carbondale, IL 62901

Ph.D. So. Illinois Univ.-Carbondale 1983  
 Phone (618) 453-2886

Organisms Worked With: 8  
 Systematic Techniques: 21 22 26  
 Ecological Interests: 34 40 41 42 43 44 45  
 46 48 52 55  
 Geographical Areas: Jackson and Williamson Counties, southern Illinois  
 Organism Specialties: Rodentia; Investivoreae  
 Ecological Expertise: population ecology; demography; home range; statistical applications and modelling

#346

**Mr. Thomas M. Skelly**  
 Assistant Supportive Scientist  
 Illinois Natural History Survey  
 Section of Aquatic Biology  
 607 E. Peabody Drive  
 Champaign, IL 61820

M.S. University of Illinois 1979  
 Phone (217) 333-9007

Organisms Worked With: 11 12  
 Systematic Techniques:  
 Ecological Interests: 38 39 40 41 42 43 45  
 47 48 50 52 63 64  
 Geographical Areas: Will County, Kankakee River, east central Illinois  
 Organism Specialties:  
 Ecological Expertise: catostomid fishes; stream ecology; resource utilization, fish community classification; solid coal waste toxicology on aquatic organisms, cooling lake research

#347

**Dr. Allen Charles Skorepa**  
 Research Associate  
 Towson State University  
 Department of Biology  
 York Road  
 Towson, MD 21204

Ph.D. University of Tennessee 1973  
 Phone (301) 321-3034

Organisms Worked With: 6 10  
 Systematic Techniques: 20 21 22 27  
 Ecological Interests: 35 36 40 41 42 43  
 50  
 Geographical Areas: southern Illinois; Maryland; Delaware; Virginia  
 Organism Specialties:

Ecological Expertise: effects of air pollution on lichens and terrestrial communities

#348

**Dr. Djaja D. Soejarto**  
 Research Associate  
 Field Museum of Natural History  
 Botany Department  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

Phone (312) 922-9410

Organisms Worked With: 1  
 Systematic Techniques: 21 24 27 28 29  
 Ecological Interests:  
 Geographical Areas: Illinois, Wisconsin, Indiana, Missouri; Mexico, Columbia, Ecuador, Peru, Bolivia, Paraguay, Brazil; Bangladesh, Sri Lanka, Thailand, Taiwan, Indonesia; Ghana  
 Organism Specialties: Actinidiaceae, especially Saurauia; Asteraceae, especially Stevia  
 Ecological Expertise:

#349

**Dr. Lars F. Soholt**

Ecologist

Argonne National Laboratory  
 Environmental Research Div., Bldg. 214  
 9700 S. Cass Avenue  
 Argonne, IL 60439

Ph.D. University of So. California 1971  
 Phone (312) 972-3243

Organisms Worked With: 8

Systematic Techniques:

Ecological Interests: 35 41 42 43 45  
 49 50 57 58 62

Geographical Areas: southwestern and western U.S.A., including Alaska

Organism Specialties:

Ecological Expertise: small mammal ecology; ecological energetics; arid lands; impact assessment; wildlife interactions with human development; impacts of energy technologies

#350

**Ms. Mary Kay Solecki**

Assistant Supportive Scientist  
 Illinois Natural History Survey  
 Section of Faunistic Surveys  
 607 E. Peabody Drive  
 Champaign, IL 61820

M.S. Southern Illinois University 1981  
 Phone (217) 333-6827

Organisms Worked With: 1 2

Systematic Techniques:

Ecological Interests: 34 35 42 45  
 47 59

Geographical Areas: Illinois; southern Missouri

Organism Specialties:

Ecological Expertise: structure and composition of tallgrass prairie; structure and composition of upland forests in Missouri

#351

**Dr. G. Alan Solem**

Curator  
 Field Museum of Natural History  
 Dept. of Zoology/Invertebrates  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605-2496

Ph.D. University of Michigan 1956  
 Phone (312) 992-9410 Ext. 270

Organisms Worked With: 15

Systematic Techniques: 20 21 26 27 28 30 31 33

Ecological Interests: 34 35 36 40 42 43  
 46 48 51 52 58 63

Geographical Areas: worldwide, especially Australia and Pacific Islands

Organism Specialties: land mollusks

Ecological Expertise: patterns of diversity; biogeography

#352

**Mr. David Scott Sollenberger**

Naturalist  
 Chicago Botanic Garden  
 Research Department  
 P.O. Box 400, Lake-Cook Road,  
 Glencoe, IL 60022

B.A. Southern Illinois University 1980  
 Phone (312) 835-5440 Ext. 47

Organisms Worked With: 1 2 3

Systematic Techniques:

Ecological Interests: 35 36 38 42 43 44 45  
 47 59 60 65

Geographical Areas: northeastern Illinois

Organism Specialties:

Ecological Expertise: northeastern Illinois prairie habitats

#353

**Dr. Paul D. Sorenson**

Associate Professor & Curator  
 Northern Illinois University  
 Department of Biological Sciences  
 De Kalb, IL 60115-2854

Ph.D. University of Iowa 1967  
 Phone (815) 753-0433

Organisms Worked With: 1 2 3

Systematic Techniques: 21 24 26 27 28 30 33

Ecological Interests: 34 35 36 40 41 42 43  
 47 50 51 52 58 63 65 66

Geographical Areas: northern Illinois, Wisconsin, Iowa, Minnesota, southwest states and Pacific coast states; Mexico; Central America

Organism Specialties: Asteraceae - Heliantheae - Coreopsidinae - Dahlia; Ericaceae - Arbutus; Phytolaccaceae - genera of the southwest U.S.A.

Ecological Expertise: monarch butterfly and milkweed chemical ecology; environmental assessment; autecology of selected prairie plant taxa

#354

**Dr. Richard E. Sparks**

Aquatic Biologist  
 Illinois Natural History Survey  
 River Research Lab  
 Box 599  
 Havana, IL 62644

Ph.D. Virginia Polytechnic Institute 1971  
 Phone (309) 543-3950

Organisms Worked With: 11 15

Systematic Techniques: 27

Ecological Interests: 37 38 39 40 41 42 43  
 50 55 56 58 62 63 64

Geographical Areas: Illinois and Mississippi Rivers and their bottomland lakes, backwaters and wetlands

Organism Specialties: Unionidae, Shaeriidae and Corbiculidae

Ecological Expertise: ecology of large floodplain rivers; aquatic toxicology; pollution ecology

#355

**Dr. John M. Speer**  
 Professor  
 Eastern Illinois University  
 Department of Botany  
 Charleston, IL 61920

Ph.D. Ohio State University 1966  
 Phone (217) 581-3525

Organisms Worked With: 1 2 3 4 5 7  
 Systematic Techniques: 24 26 27  
 Ecological Interests:

Geographical Areas:  
 Organism Specialties: Asteraceae - *Silphium*, *Aster*  
 Ecological Expertise:

#356

**Dr. Loretta D. Spiess**  
 Senior Research Associate  
 Northwestern University  
 Department of Biochemistry  
 Hogan Hall  
 Evanston, IL 60201

Ph.D. Harvard University 1953  
 Phone (312) 492-7204

Organisms Worked With: 4 19  
 Systematic Techniques: 27  
 Ecological Interests: 34 36 40 42  
 57 59 66

Geographical Areas: Cook County, Illinois

Organism Specialties: Bryophyta - *Musci*; bacteria  
 Ecological Expertise: bacterial associations with moss

#357

**Mr. Ken R. Spitzke**  
 Graduate Student  
 University of Illinois  
 Dept. of Ecology, Ethology & Evolution  
 606 E. Healey Street  
 Champaign, IL 61820

B.S. University of Illinois 1982  
 Phone (217) 333-2235

Organisms Worked With: 12 13  
 Systematic Techniques:  
 Ecological Interests: 34 35 37 38 40 42 44  
 46 48 49 51 52 55

Geographical Areas: Champaign and Vermilion Counties, Illinois

Organism Specialties:

Ecological Expertise: predator-prey modelling, prey population demography, prey life history evolution, natural selection

#358

**Dr. Howard James Stains**  
 Professor  
 Southern Illinois University  
 Department of Zoology  
 Carbondale, IL 62901

Phone (618) 536-2314

Organisms Worked With: 8  
 Systematic Techniques: 27 28  
 Ecological Interests: 34  
 51 62

Geographical Areas: southern Illinois

Organism Specialties: Carnivora - Procyonidae, Canidae, Felidae  
 Ecological Expertise: food habits

#359

**Dr. Robert Rhea Stephens**  
 Associate Professor  
 Bradley University  
 Department of Biology  
 1501 W. Bradley Avenue  
 Peoria, IL 61625

Ph.D. Oklahoma State University 1967  
 Phone (309) 676-7611 Ext. 480

Organisms Worked With: 11 18  
 Systematic Techniques: 20 21 23 24 25 27 28 30 31  
 Ecological Interests:

Geographical Areas: Peoria County, Illinois

Organism Specialties: Teleostomi

Ecological Expertise:

#360

**Dr. James G. Sternburg**  
 Professor  
 University of Illinois  
 Department of Entomology  
 320 Morrill Hall, 505 S. Goodwin Ave.  
 Urbana, IL 61801

Ph.D. University of Illinois 1952  
 Phone (217) 333-1165

Organisms Worked With: 12  
 Systematic Techniques:  
 Ecological Interests: 34 40 42  
 46 51 57 58

Geographical Areas: Piatt and Champaign Counties, central Illinois;  
 Emmet County, Michigan

Organism Specialties:

Ecological Expertise: mimicry, survival strategies, behavior of insects  
 (especially Lepidoptera)

#361

**Ms. Lori Stevens**  
 Research Assistant  
 University of Illinois  
 Department of Biological Sciences  
 Box 4348  
 Chicago, IL 60680

M.S. University of Illinois-Chicago 1981  
 Phone (312) 996-5437

#362

**Dr. Donald J. Stewart**  
 Assistant Curator & Division Head  
 Field Museum of Natural History  
 Division of Fishes  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

Ph.D. University of Wisconsin 1980  
 Phone (312) 922-9410

#363

**Dr. Robert R. Stickney**  
 Director  
 Southern Illinois University  
 Fisheries Research Laboratory  
 Carbondale, IL 62901

Ph.D. Florida State University 1971  
 Phone (618) 536-7761

#364

**Dr. Benton M. Stidd**  
 Professor & Chairman  
 Western Illinois University  
 Department of Biological Sciences  
 Macomb, IL 61455

Ph.D. University of Illinois 1968  
 Phone (309) 298-2408

#365

**Dr. Kenneth J. Stimpfl**  
 Partner & Senior Ecologist  
 Dames & Moore  
 1550 Northwest Highway  
 Park Ridge, IL 60067

Ph.D. Indiana University 1971  
 Phone (312) 297-6120

#366

**Mr. Robert G. Stolze**  
 Custodian, Fern Herbarium  
 Field Museum of Natural History  
 Department of Botany  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

B.S. Notre Dame University 1949  
 Phone (312) 922-9410

Organisms Worked With: 12  
 Systematic Techniques:  
 Ecological Interests: 34 44  
 46 48 51 55 66

Geographical Areas:

Organism Specialties:

Ecological Expertise:

Organisms Worked With: 11  
 Systematic Techniques: 20 21 23 27 28 30  
 Ecological Interests: 38 40 42 45  
 47 49 51 55 58 62  
 Geographical Areas: freshwaters of South America, especially the Amazon River basin in Ecuador and Peru  
 Organism Specialties: Siluriformes, Gymnotiformes

Ecological Expertise: energetics models for salmonids; distributional ecology of Amazonian fishes

Organisms Worked With: 11 13

Systematic Techniques:  
 Ecological Interests: 37 39 40 41 42 43 44 45  
 50 55 56 57 62 66

Geographical Areas: southern Illinois; Philippines, Egypt, Israel, Haiti, Brazil and Belize

Organism Specialties: Ictaluridae, Cichlidae and Sciaenidae

Ecological Expertise: estuarine ecology, relationships between water quality and fishes, responses of fishes to habitat alteration, impacts of strip-mine lake acids on various aquatic communities

Organisms Worked With: 2 3

Systematic Techniques: 20 27 29  
 Ecological Interests:

Geographical Areas: Midwest coal-ball plants  
 Organism Specialties: Paleozoic pteridosperms and pteridophytes

Ecological Expertise:

Organisms Worked With:

Systematic Techniques:  
 Ecological Interests: 38 39 41 42 43  
 50 56 57 64

Geographical Areas: Illinois, Wisconsin, Michigan and Indiana  
 Organism Specialties:

Ecological Expertise: aquatic ecology, site selection and evaluation, wastes and discharges, impact assessment

Organisms Worked With: 3

Systematic Techniques: 21 27 28 29 33  
 Ecological Interests:

Geographical Areas: Central America, Ecuador and Peru

Organism Specialties: pteridophytes: Cyatheaceae; Polypodiaceae - Asplenium  
 Ecological Expertise:

#367

**Dr. Raymond Eugene Stotler**  
 Associate Professor  
 Southern Illinois University  
 Department of Botany  
 Carbondale, IL 62901

Ph.D. University of Cincinnati 1968  
 Phone (618) 536-2331

Organisms Worked With: 4 6  
 Systematic Techniques: 20 21 22 24 27 28  
 Ecological Interests: 35 39 40 42  
 47  
 Geographical Areas: Illinois and worldwide  
 Organism Specialties: Hepatophyta, Anthocerotophyta  
 Ecological Expertise: community structure

#368

**Dr. Carl A. Strang**  
 Educator  
 Forest Preserve District DuPage Co.  
 Willowbrook Forest Preserve  
 Box 2339  
 Glen Ellyn, IL 60138

Ph.D. Purdue University 1976  
 Phone (312) 790-4900 Ext. 283

Organisms Worked With: 1 9 10 12  
 Systematic Techniques:  
 Ecological Interests: 35 40 42  
 58  
 Geographical Areas: DuPage County, Illinois  
 Organism Specialties:  
 Ecological Expertise: community ecology of forest Lepidoptera;  
 vertebrate behavioral ecology; urban wildlife management and public  
 education; ecology of Glaucous Gulls, eastern box turtles and wood turtles

#369

**Dr. Elisabeth Ann Stull**  
 Ecologist  
 Argonne National Laboratory  
 Environmental Research Division  
 9700 S. Cass Avenue  
 Argonne, IL 60439

Ph.D. Univ. of California-Davis 1972  
 Phone (312) 972-7801

Organisms Worked With: 7  
 Systematic Techniques: 21 27 33  
 Ecological Interests: 37 38 39 40 41 42 44  
 47 48 50 51 52 66  
 Geographical Areas: southwestern U.S.A., northern Mexico  
 Organism Specialties: Dunaliella  
 Ecological Expertise: primary productivity, limnology, phytoplankton  
 dynamics, saline environments, salt tolerance

#370

**Mr. Theodore D. Suchy**  
 Associate Professor  
 Illinois Benedictine College  
 Biology Department  
 5700 College Road  
 Lisle, IL 60532

M.S. Indiana University 1970  
 Phone (312) 960-1500

Organisms Worked With: 8 9 18  
 Systematic Techniques: 20 27  
 Ecological Interests: 34 35 36 40 42 43  
 46 54  
 Geographical Areas: DuPage County, Illinois  
 Organism Specialties:  
 Ecological Expertise: oak-hickory climax woods; pond ecology

#371

**Dr. Walter James Sundberg**  
 Associate Professor  
 Southern Illinois University  
 Department of Botany  
 Carbondale, IL 62901

Ph.D. Univ. of California-Davis 1971  
 Phone (618) 536-2331

Organisms Worked With: 5  
 Systematic Techniques: 20 24 26 27 28  
 Ecological Interests:  
 Geographical Areas: Illinois, especially Jackson, Williamson, Union  
 and Randolph Counties; California; Missouri; Kentucky  
 Organism Specialties: Ascomycetes and Basidiomycetes - Agaricales -  
 Lepiotaceae - Lepiota  
 Ecological Expertise:

#372

**Mr. Michael J. Sweet**  
 Endangered Species Coordinator  
 Department of Conservation  
 Endangered Species Protection Board  
 600 N. Grand Avenue West  
 Springfield, IL 72702

M.A. Southern Illinois University 1975  
 Phone (217) 785-8774

Organisms Worked With: 1 8 9 10 11 15  
 Systematic Techniques: 31  
 Ecological Interests: 34 35 37 41 42 43 44 45  
 46 50 52 53 58 62 63  
 Geographical Areas: Illinois  
 Organism Specialties: birds and mammals  
 Ecological Expertise: population ecology, habitat management

#373

**Mr. Floyd Allen Swink**  
 Taxonomist  
 Morton Arboretum  
 Collections Department  
 4-S-123 Dorset Street  
 Lisle, IL 60532

Phone (312) 968-0074

Organisms Worked With: 1 2 3 9  
 Systematic Techniques: 21 27 28 31  
 Ecological Interests: 34 35 36 42 43 44 45  
 52 63 64 65 65

Geographical Areas: Chicago region, northeast Illinois

Organism Specialties: vascular flora of the Chicago region; cultivated  
 woody plants of the temperate zone  
 Ecological Expertise: plant associations of the local vascular flora

#374

**Mr. David L. Swofford**  
 Biometrician  
 Illinois Natural History Survey  
 Section of Economic Entomology  
 607 East Peabody Drive  
 Champaign, IL 61820

M.S. Eastern Kentucky University 1982  
 Phone (217) 333-6828

Organisms Worked With: 11  
 Systematic Techniques: 23  
 Ecological Interests:

Geographical Areas:

Organism Specialties:

Ecological Expertise:

#375

**Ms. Diane Brennan Szafoni**  
 Research Assistant  
 Illinois Natural History Survey  
 Section of Botany & Plant Pathology  
 607 East Peabody Drive  
 Champaign, IL 61820

M.S. University of Illinois 1983  
 Phone (217) 333-6898

Organisms Worked With: 1  
 Systematic Techniques: 27 28 30  
 Ecological Interests: 35 41 43  
 61

Geographical Areas: Illinois

Organism Specialties: Poaceae - *Panicum*, *Dichanthelium*

Ecological Expertise:

#376

**Mr. Robert E. Szafoni**  
 Technical Assistant  
 Illinois Natural History Survey  
 Section of Wildlife Research  
 607 East Peabody Drive  
 Champaign, IL 61820

M.S. University of Illinois 1983  
 Phone (217) 333-7513

Organisms Worked With: 9  
 Systematic Techniques:  
 Ecological Interests: 34 35 40 42 43  
 46 50 52 54 61

Geographical Areas: Champaign and Vermilion Counties, Illinois;  
 Upper Peninsula, Michigan

Organism Specialties:

Ecological Expertise: avian ecology

#377

**Mr. Kent R. Taylor**  
 Project Asst., Flora of Veracruz  
 Field Museum of Natural History  
 Botany Department  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

B.A. Denison University 1981  
 Phone (312) 922-9410 Ext. 229

Organisms Worked With: 1 2  
 Systematic Techniques: 21 27 28  
 Ecological Interests: 40  
 47 52

Geographical Areas: Veracruz, Mexico

Organism Specialties: Pinaceae - *Pinus* and *Abies* (of Mexico and U.S.A.)

Ecological Expertise:

#378

**Mrs. Pamela P. Tazik**  
 Junior Professional Scientist  
 Illinois Natural History Survey  
 Section of Aquatic Biology  
 607 East Peabody Drive  
 Champaign, IL 61820

M.S. Clarion State College 1978  
 Phone (217) 333-6125

Organisms Worked With: 1 11  
 Systematic Techniques:  
 Ecological Interests: 35 36 37 38 39 41 42 45  
 48 49 55 56 58 59 62 65

Geographical Areas: Champaign County, Illinois

Organism Specialties: Potamogetonaceae, Najadaceae

Ecological Expertise: aquatic plant ecology, microbial ecology

#379

**Dr. James A. Teeri**  
 Associate Professor  
 University of Chicago  
 Department of Biology  
 5630 S. Ingleside Ave.  
 Chicago, IL 60637

Ph.D. Duke University 1972  
 Phone (312) 962-8933

Organisms Worked With: 1 2 3  
 Systematic Techniques: 20 21 22 23 24 26 27 28 31  
 Ecological Interests: 34 35 36 40 42 43 45  
 47 49 50 51 57 60  
 Geographical Areas: Illinois, Michigan, North Carolina, Colorado, Texas, New Mexico, Arizona, California, Oregon, Hawaii; Mexico; Australia  
 Organism Specialties: angiosperms and gymnosperms  
 Ecological Expertise: physiological ecology, population ecology

#380

**Mr. Robert C. Thomas**  
 Environmental Specialist  
 Illinois E.P.A.  
 Technical Standards Unit  
 2200 Churchill Road  
 Springfield, IL 62706

M.S. Western Illinois University 1982  
 Phone (217) 282-3362

Organisms Worked With: 11 12 13 15  
 Systematic Techniques:  
 Ecological Interests: 37 38 39  
 47 50 55 64  
 Geographical Areas:  
 Organism Specialties:  
 Ecological Expertise: aquatic ecology, environmental assessment

#381

**Dr. Jamie E. Thomerson**  
 Professor  
 Southern Illinois University  
 Department of Biology  
 Box 65B  
 Edwardsville, IL 62026

Ph.D. Tulane University 1965  
 Phone (618) 692-2975

Organisms Worked With: 11  
 Systematic Techniques: 20 21 26 27 28 31  
 Ecological Interests: 37 38 39 41 42 43  
 47 48 50 51 52 62 63  
 Geographical Areas: Madison, St. Clair and Monroe Counties, Illinois; metropolitan St. Louis area; Midwest states; central America and northern South America  
 Organism Specialties: Cyprinodontiformes - Cyprinodontidae  
 Ecological Expertise: natural history and community structure of fish communities

#382

**Mr. John T. Thompson**  
 Instructor  
 Oak Lawn Community High School  
 Science Department  
 9400 Southwest Highway  
 Oak Lawn, IL 60453

M.S. University of Chicago 1975  
 Phone (312) 424-5200 Ext. 74

Organisms Worked With: 8 11 12  
 Systematic Techniques:  
 Ecological Interests:  
 46 51 66  
 Geographical Areas: Illinois prairies; tropical rain forests; national parks of U.S.A. and Costa Rica  
 Organism Specialties:  
 Ecological Expertise: population biology of Illinois prairie insects; 17 yr. cicada and the fungus Massospora cicadina; evolution of driptips in tropical forests; tropical forest preservation; environmental education

#383

**Dr. Gordon Ray Thurrow**  
 Associate Professor  
 Western Illinois University  
 Department of Biological Sciences  
 Macomb, IL 61455

Ph.D. Indiana University 1955  
 Phone (309) 298-1595

Organisms Worked With: 10  
 Systematic Techniques: 20 21 27 31  
 Ecological Interests: 40 42  
 46 51 57 58 61  
 Geographical Areas: McDonough County and southern Illinois  
 Organism Specialties: Plethodontid salamanders - Plethodon

Ecological Expertise: ecology and natural history of amphibians and reptiles, and their ability to cope with environmental disturbance

#384

**Dr. Robert M. Timm**  
 Assistant Curator  
 Field Museum of Natural History  
 Division of Mammals  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605-2496

Ph.D. University of Minnesota 1979  
 Phone (312) 922-9410

Organisms Worked With: 8  
 Systematic Techniques: 20 21 28 30 31  
 Ecological Interests: 40 42  
 48 51  
 Geographical Areas: Minnesota, Nebraska; Costa Rica; Ecuador  
 Organism Specialties: Rodentia; Chiroptera  
 Ecological Expertise:

#385

**Dr. Michael E. Toliver**

Assistant Professor

Eureka College

Division of Science &amp; Math

300 E. College

Eureka, IL 61530

Ph.D. University of Illinois 1979

Phone (309) 467-3721 Ext. 241

Organisms Worked With: 12

Systematic Techniques: 21 22 27 28

Ecological Interests: 40 42 43

46 48 51 58

Geographical Areas: Woodford County, Illinois; New Mexico

Organism Specialties: Lepidoptera, especially Hesperioidae and Papilioidea

Ecological Expertise: mimicry, behavior

#386

**Dr. John A. Tranquilli**

Regional Director

Ducks Unlimited

2107 Zuppke Drive

Urbana, IL 61801

Ph.D. University of Illinois 1974

Phone (217) 328-5182

Organisms Worked With: 11

Systematic Techniques:

Ecological Interests: 37 38 39 40 41 42 43 44 45  
46 50 52 58 62 65 66

Geographical Areas:

Organism Specialties:

Ecological Expertise: effects of thermal effluents on aquatic ecosystems

#387

**Mr. W. Stan Tyson**

Owner &amp; Curator

Rivendell Botanic Garden

P.O. Box 17

Beardstown, IL 62618

A.S. Danville Junior College 1978

Phone (217) 323-1745

Organisms Worked With: 1 2 3

Systematic Techniques: 21 26 27 31

Ecological Interests: 34 35 36 41 42 43 44 45  
52 54 60 63

Geographical Areas: west central Illinois, northeastern Illinois; northwestern Indiana; Missouri

Organism Specialties: Aceraceae, Betulaceae, Ericaceae, Pinaceae,

Salicaceae, Iridaceae, Liliaceae

Ecological Expertise: prairie and forest ecology: identification, inventory, restoration and management; horticultural ecology: propagation and habitat requirements of plants; botanic diversity

#388

**Dr. John Duane Unzicker**

Associate Professional Scientist

Illinois Natural History Survey

Section of Faunistic Surveys

607 E. Peabody Drive

Champaign, IL 61820

Ph.D. University of Illinois 1966

Phone (217) 333-6846

Organisms Worked With: 12 14

Systematic Techniques: 20 21 22 23 27 28 31

Ecological Interests: 34 37 40  
63

Geographical Areas: west central Illinois, northeastern Illinois; Africa; Australia

Organism Specialties: Insects - Trichoptera, Ephemeroptera and Plecoptera

Arachnids - Araneae

Ecological Expertise:

#389

**Dr. Gerrit D. Van Dyke**

Professor

Trinity Christian College

Biology Department

6601 W. Collge Drive

Palos Heights, IL 60463

Ph.D. Iowa State University 1972

Phone (312) 597-3000 Ext. 57

Organisms Worked With: 1 5

Systematic Techniques: 22 28

Ecological Interests: 35 36 39 40 41 42 43  
58 59 60 62

Geographical Areas: Cook County, Illinois

Organism Specialties:

Ecological Expertise: wetland, forest and prairie ecology

#390

**Dr. Louis Verner**

Assistant Professor

Illinois Wesleyan University

Biology Department

Bloomington, IL 61702

Ph.D. University of Illinois 1979

Phone (309) 556-3056

Organisms Worked With: 1 8

Systematic Techniques:

Ecological Interests: 34 35 40 42  
46 48 51 52 58 59

Geographical Areas: McLean County, Illinois

Organism Specialties:

Ecological Expertise: small mammal population biology, behavioral ecology of small mammals; reproductive biology of spring woodland ephemerals

#391

**Dr. James M. Veselenak**  
 Assistant Professor  
 Sangamon State University  
 Medical Technology Program  
 Springfield, IL 62708

Ph.D. Michigan State University 1981  
 Phone (217) 786-6648

Organisms Worked With: 5  
 Systematic Techniques: 20 27 33  
 Ecological Interests: 42

Geographical Areas: Sangamon County, central Illinois  
 Organism Specialties: Basidiomycetes - Holobasidiomycetidae;  
 Deuteromycetes - Hyphomycetidae  
 Ecological Expertise:

#392

**Mr. William Steven Vinikour**  
 Environmental Scientist  
 Argonne National Laboratory  
 Environmental Research Division  
 9700 S. Cass Avenue  
 Argonne, IL 60439

M.S. Northern Illinois University 1977  
 Phone (312) 972-5113

Organisms Worked With: 11 12 13 15  
 Systematic Techniques: 21 27

Ecological Interests: 34 35 36 37 38 39 40 41 42 43 45  
 46 47 48 50 52 57 58 60 61 63 64 66

Geographical Areas: Kane and Macoupin Counties, Mississippi River,  
 Illinois; Alabama; Ohio; Wyoming  
 Organism Specialties: aquatic insects

Ecological Expertise: life history and symbiotic associations of fish  
 and macroinvertebrates; pollution ecology, environmental assessment of  
 energy developments and associated impacts (waste disposal, transmission)

#393

**Dr. David J. Voegtlind**  
 Assistant Taxonomist  
 Illinois Natural History Survey  
 Sec. Faunistics & Insect Identification  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. Univ. of California-Berkeley 1976  
 Phone (217) 333-6846

Organisms Worked With: 12  
 Systematic Techniques: 21 24 27 28 30 33  
 Ecological Interests: 34 40 42 43  
 48 58

Geographical Areas:

Organism Specialties: Homoptera - Aphididae

Ecological Expertise:

#394

**Dr. Harold K. Voris**  
 Associate Curator & Division Head  
 Field Museum of Natural History  
 Division of Amphibians and Reptiles  
 Roosevelt Road and Lake Shore Drive  
 Chicago, IL 60605

Ph.D. University of Chicago 1969  
 Phone (312) 922-9410 Ext. 271

Organisms Worked With: 10  
 Systematic Techniques: 20 21 22 23 27 30 31  
 Ecological Interests: 37 38 40 42 43  
 46 47 48 51 52

Geographical Areas: Malaysia, Southeast Asia

Organism Specialties: Hydrophiidae

Ecological Expertise:

#395

**Dr. John A. Wagner**  
 Professor  
 Kendall College  
 Department of Biology  
 2408 Orrington  
 Evanston, IL 60201

Ph.D. Northwestern University 1962  
 Phone (312) 866-1373

Organisms Worked With: 12  
 Systematic Techniques: 20 21 27 28  
 Ecological Interests: 36 40 42 43  
 50 63

Geographical Areas: Livingston, Cook and adjacent counties, Illinois;  
 southeastern states; West Indies; Central America

Organism Specialties: Coleoptera - Pselaphidae

Ecological Expertise: basic ecosystem analysis, eastern deciduous forest

#396

**Mr. Stephen W. Waite**  
 Associate Supportive Scientist  
 Illinois Natural History Survey  
 Section of Aquatic Biology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Phone (217) 333-0006

Organisms Worked With: 7 11 13 18 19  
 Systematic Techniques: 20  
 Ecological Interests: 37 38 39 41 42 43 44 45  
 49 50 52 56 62

Geographical Areas: central Illinois

Organism Specialties: Crustacea: Branchiopoda - Cladocera; Copepoda -  
 Calanoida, Cyclopoida; Rotifera: Monogononta - Ploima

Ecological Expertise:

#397

**Dr. Gilbert P. Waldbauer**

Professor

University of Illinois

Department of Entomology

320 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801

Ph.D. University of Illinois 1960

Phone (217) 359-3124

Organisms Worked With: 12

Systematic Techniques:

Ecological Interests: 36 40 42 43

46 51 58

Geographical Areas: Champaign and Piatt Counties, Illinois; Emmet and Cheboygan Counties, Michigan

Organism Specialties:

Ecological Expertise: insect-host plant interactions; mimicry; behavioral and physiological ecology

#398

**Mr. Harlan D. Walley**

Head Animal Caretaker

Northern Illinois University

Department of Biological Sciences

De Kalb, IL 60115

Phone (815) 753-0433

Organisms Worked With: 8 9 10 11

Systematic Techniques: 20 21 28

Ecological Interests: 34 35 36 40 42 43

48 51 52

Geographical Areas: DeKalb and LaSalle Counties, northern Illinois; Southeast Asia, Korea, China and Japan

Organism Specialties: Mammalia - Chiroptera - Vespertilionidae;

Reptilia - Lacertidae - Takydromus and related genera

Ecological Expertise:

#399

**Mr. Stephen J. Walsh**

Graduate Student

University of Florida

Dept. of Zoology/Florida State Museum

Gainesville, FL 32611

M.A. So. Illinois Univ.-Carbondale 1982

Phone (904) 392-1721

Organisms Worked With: 11

Systematic Techniques: 20 21 23 24 27 28 30 31

Ecological Interests: 37 38 40 41 42

46 48 51 52 57 64

Geographical Areas: southern Illinois; central and southeastern states

Organism Specialties:

Ecological Expertise:

#400

**Dr. George H. Waring**

Professor

Southern Illinois University

Department of Zoology

Carbondale, IL 62901

Ph.D. Colorado State University 1966

Phone (618) 536-2314

Organisms Worked With: 8 9 10 11

Systematic Techniques:

Ecological Interests:

46

Geographical Areas:

Organism Specialties:

Ecological Expertise: applied ethology

#401

**Dr. Richard E. Warner**

Associate Wildlife Ecologist

Illinois Natural History Survey

Section of Wildlife Research

607 E. Peabody Drive

Champaign, IL 61820

Ph.D. University of Illinois 1981

Phone (217) 333-7513

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 36 41 43 45

48 49 52 54 55 56 57 58 62

Geographical Areas: Illinois

Organism Specialties:

Ecological Expertise: interactions of agricultural land use and upland wildlife; population ecology of ring-necked pheasants; biostatistics and models

#402

**Dr. John E. Warnock**

Director

Western Illinois University

Institute for Environmental Management

Macomb, IL 61455

Ph.D. University of Wisconsin-Madison 1963

Phone (309) 298-1265

Organisms Worked With: 8 9

Systematic Techniques:

Ecological Interests: 34 40 41 42 43

46 48 50 52 62 63

Geographical Areas: west central Illinois

Organism Specialties: Rodentia - Chiroptera; Galliformes

Ecological Expertise: wildlife ecology; wild populations in relation to land use; small mammal populations; natural area preservation, preserve establishment and management, endangered species; biological field stations

#403

**Dr. Donald W. Webb**

Insect Taxonomist  
 Illinois Natural History Survey  
 Sec. Faunistics & Insect Identification  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Illinois 1981

Phone (217) 333-6846

Organisms Worked With: 12  
 Systematic Techniques: 20 21 23 27 28  
 Ecological Interests: 36 39 40 42  
 46 48 51

Geographical Areas: Illinois and worldwide

Organism Specialties: Diptera - Chironomidae, Coenomyiidae, Rachiceridae - Atheridae, Solvidae, Xylophagidae, Glutopidae, Rhagionidae; Mecoptera - Meropidae, Boreidae, Panorpidae, Panorpidae, Bittacidae

Ecological Expertise:

#404

**Dr. Barbara C. Weber**

Entomologist & Project Leader  
 Southern Illinois University  
 USDA Forest Service  
 Forestry Sciences Laboratory  
 Carbondale, IL 62901

Ph.D. So. Illinois Univ.-Carbondale 1982  
 Phone (618) 453-2318

Organisms Worked With: 5 12  
 Systematic Techniques: 20 21 27 28  
 Ecological Interests: 34 35 41 42 45  
 48 58

Geographical Areas: southern Illinois; Indiana; Michigan; eastern states

Organism Specialties: Insecta - Coleoptera - Scolytidae - (ambrosia beetles)

Ecological Expertise: ambrosia beetle/symbiotic microorganisms and their relationships with host trees; species diversity within a community

#405

**Mr. Lawrence J. Weider**

Graduate Student/Research Assistant  
 University of Illinois  
 Dept. of Ecology, Ethology & Evolution  
 606 E. Healey Street  
 Champaign, IL 61820

B.S. St. Bonaventure University 1978  
 Phone (217) 333-2235

Organisms Worked With: 13  
 Systematic Techniques: 22 26 27 31  
 Ecological Interests: 37 40 42 44  
 48 51 57

Geographical Areas: Champaign and Vermilion Counties, Illinois

Organism Specialties: Cladocera - Daphnidae - Daphnia pulex

Ecological Expertise: aquatic ecology, population ecology, ecological genetics

#406

**Mr. Robert Arnold Wengrow**

Rockford Region Manager  
 Illinois E.P.A.  
 Division of Land Pollution and Control  
 P.O. Box 915  
 Rockford, IL 61105

B.S. So. Illinois Univ.-Carbondale 1971  
 Phone (815) 987-7404

Organisms Worked With: 8  
 Systematic Techniques:  
 Ecological Interests: 39 40 44  
 50 53 62

Geographical Areas: northwest Illinois

Organism Specialties:

Ecological Expertise:

#407

**Dr. Rupert Leon Wenzel**

Curator Emeritus, Insects  
 Field Museum of Natural History  
 Division of Insects  
 Roosevelt Road at Lake Shore Drive  
 Chicago, IL 60605

Ph.D. University of Chicago 1962  
 Phone (312) 922-9410

Organisms Worked With: 12  
 Systematic Techniques: 20 21 23 27 28 30 33  
 Ecological Interests: 34 35 36 40 42  
 47 51 54

Geographical Areas: worldwide, especially the Holarctic region, Central America, South America and the West Indies

Organism Specialties: Insecta - Diptera - Streblidae, Nycteribiidae; Coleoptera - Histeridae

Ecological Expertise:

#408

**Dr. David Lloyd West**

Assistant Professor  
 Sangamon State University  
 Department of Biology  
 Shepherd Road  
 Springfield, IL 62708

Ph.D. Northeastern University 1976  
 Phone (217) 786-6630

Organisms Worked With: 15 17  
 Systematic Techniques: 20 27 28 31 33  
 Ecological Interests:

Geographical Areas: worldwide

Organism Specialties: Hydrozoa - Campanulariidae (calyptoblastic/leptomedusae)

Ecological Expertise:

#409

**Mr. K. Andrew West**

District Biologist  
 Illinois Department of Conservation  
 Div. of Forest Resources & Nat. Heritage  
 P.O. Box 67  
 Goreville, IL 62939

M.A. So. Illinois Univ.-Carbondale 1975  
 Phone (618) 995-2568

Organisms Worked With: 1 2 3 4 5 6 8 9 10

Systematic Techniques: 20 21 27 28 31

Ecological Interests: 36 39 41 42 45

47 50 52 62

Geographical Areas: southern Illinois

Organism Specialties: Basidiomycetes - Aphyllophorales

Ecological Expertise: applied ecology; natural areas management

#410

**Mr. Ronald L. Westemeier**

Associate Wildlife Ecologist  
 Illinois Natural History Survey  
 Section of Wildlife Research  
 304 Poplar Drive  
 Effingham, IL 62401

M.S. Univ. of Wisconsin-Madison 1969  
 Phone (618) 783-4125

Organisms Worked With: 1 8 9

Systematic Techniques: 21 27 28 31

Ecological Interests: 34 35 40 41 45

46 48 52 54 58 62 63

Geographical Areas: Jasper and Marion Counties, southern Illinois; Wisconsin, Michigan, Minnesota, North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, Texas, Missouri and Colorado

Organism Specialties: Aves- Galliformes - Phasianidae - *Tympanuchus* *cupido*, *Phasianus colchicus*, *Colinus virginianus*

Ecological Expertise: prairie grouse ecology, grassland wildlife ecology (especially nest ecology)

#411

**Mr. Mark J. Wetzel**

Assistant Supportive Scientist  
 Illinois Natural History Survey  
 Sec. Faunistics & Insect Identification  
 607 E. Peabody Drive  
 Champaign, IL 61820

M.S. Eastern Illinois University 1981

Phone (217) 333-6846

Organisms Worked With: 8 9 10 11 12 15 16

Systematic Techniques: 20 21 27 28 31

Ecological Interests: 34 35 36 37 38 39 40 42 43

46 47 48 50 57 58

Geographical Areas: Illinois; Kansas, Kentucky, Maine, Washington, Colorado, Utah and Missouri

Organism Specialties: freshwater Annelida: Aeolosomatida, Branchiobdellida, Hirudinea, Oligochaeta, Polychaeta; endangered and threatened species of vertebrates

Ecological Expertise: benthos; endangered and threatened species of vertebrates

#412

**Mr. David F. Whitacre**

Graduate Student  
 University of California  
 Department of Zoology  
 Davis, CA 59616

B.A. The Evergreen State College 1973

Phone (916) 752-2938

Organisms Worked With: 8 9 10 11 12

Systematic Techniques: 20 33

Ecological Interests: 34 35 40 41 42

46 50 51 52 53 57 66

Geographical Areas: Jackson and Union Counties, southern Illinois; montane regions of western U.S.A.; neotropics, especially Mexico (Chiapas, San Luis Potasi)

Organism Specialties: falcons and other birds of prey, swifts, passerines; mammals: mustelids and carnivores; reptiles: snakes, especially Crotalids, *Elaphe*, *Lampropeltis* and *Natrix*; small stream fishes

Ecological Expertise: vertebrate field biology, ecology of vertebrate and insect populations and communities; environmental assessment; comparative ecology of swifts; predation ecology; environmental education

#413

**Mr. John White**

904 S. Anderson Street  
 Urbana, IL 61801

Phone (217) 367-8770

Organisms Worked With: 1 2 3 8 9 10 11

Systematic Techniques:

Ecological Interests: 35 36 38 39 40 42

47 50 58 59 60 63

Geographical Areas:

Organism Specialties:

Ecological Expertise:

#414

**Dr. W. Sedgefield White**

Environmental Scientist  
 Argonne National Laboratory  
 Environmental Research Division  
 9700 S. Cass Avenue  
 Argonne, IL 60439

Ph.D. Michigan State University 1974  
 Phone (312) 972-3169

Organisms Worked With: 7 10 11

Systematic Techniques:

Ecological Interests: 36 37 38 39 41 42 43

50 58 61

Geographical Areas: Great Lakes

Organism Specialties:

Ecological Expertise:

#415

**Dr. Wesley C. Whiteside**  
 Professor  
 Eastern Illinois University  
 Department of Botany  
 Charleston, IL 61920

Ph.D. Florida State University 1959  
 Phone (217) 581-3525

Organisms Worked With: 1 2 5 6  
 Systematic Techniques: 22 27  
 Ecological Interests:

Geographical Areas: Coles and Clark Counties, Illinois  
 Organism Specialties: fungi and lichens

Ecological Expertise:

#416

**Dr. Larry Stephen Whitley**  
 Professor  
 Eastern Illinois University  
 Department of Zoology  
 Charleston, IL 61920

Ph.D. Purdue University 1963  
 Phone (217) 581-2500

Organisms Worked With: 16  
 Systematic Techniques: 20 22 27  
 Ecological Interests: 37 38 39 40 42 43  
 50 57

Geographical Areas: Illinois, especially east central Illinois;  
 southeastern states  
 Organism Specialties: Oligochaeta, Tubificidae

Ecological Expertise: benthic communities in natural and disturbed  
 environments

#417

**Dr. Gregory S. Whitt**  
 Professor  
 University of Illinois  
 Dept. of Genetics & Development  
 515 Morrill Hall, 505 S. Goodwin Avenue  
 Urbana, IL 61801

Ph.D. Yale University 1970  
 Phone (217) 333-4645

Organisms Worked With: 11  
 Systematic Techniques: 22 23 25 26 30 32  
 Ecological Interests: 37 40 41 42 44  
 51 57 66

Geographical Areas:

Organism Specialties: Perciformes, Centrarchidae - Lepomis, Micropterus

Ecological Expertise: biochemical aspects of ecological genetics

#418

**Dr. Donald T. Wicklow**  
 Microbiologist  
 Northern Regional Research Center  
 Agricultural Research Culture Collection  
 1815 N. University Street  
 Peoria, IL 61604

Ph.D. University of Wisconsin 1971  
 Phone (309) 685-4011 Ext. 267

Organisms Worked With: 5  
 Systematic Techniques: 21 27 28  
 Ecological Interests: 35 40 41 42 45  
 47 51 58 63

Geographical Areas: U.S.A.; presently Georgia and Arizona

Organism Specialties: Eurotiales - Aspergillaceae - Aspergillus,  
 Penicillium  
 Ecological Expertise: seed germination of post-fire chaparral annuals;  
 organization of soil fungal communities; coprophilous fungi; mycotoxicogenic  
 fungi in cereal ecosystems

#419

**Dr. Michael J. Wiley**  
 Assistant Professional Scientist  
 Illinois Natural History Survey  
 Section of Aquatic Biology  
 607 E. Peabody Drive  
 Champaign, IL 61820

Ph.D. University of Michigan 1980  
 Phone (217) 333-6889

Organisms Worked With: 11 12 13 15 16 17  
 Systematic Techniques:  
 Ecological Interests: 37 38 39 40 41 42 45  
 46 48 49 50 55 57 58 62

Geographical Areas: Illinois, Michigan

Organism Specialties: aquatic insects: Chironomidae, Ephemeroptera

Ecological Expertise:

#420

**Dr. Gerould S. Wilhelm**  
 Research Taxonomist/Ecologist  
 The Morton Arboretum  
 Research Department  
 Lisle, IL 60532

B.S. Florida State University 1971  
 Phone (312) 968-0074

Organisms Worked With: 1 2 3 6  
 Systematic Techniques: 22  
 Ecological Interests: 35 36 38 39 41 42 43 44 45  
 47 50 61 62 63 65

Geographical Areas: Chicago region (Illinois, Wisconsin, Indiana and  
 Michigan); Alabama; Florida and Missouri

Organism Specialties: vascular plants and macrolichens

Ecological Expertise: management of natural lands; revegetation of  
 problem soils; natural area assessment

#421

**Dr. Ruth L. Willey**  
 Associate Professor  
 University of Illinois  
 Department of Biological Sciences  
 Box 4348  
 Chicago, IL 60680

Ph.D. Radcliffe College 1956  
 Phone (312) 996-8674

Organisms Worked With: 7 12  
 Systematic Techniques: 20 21 24 27  
 Ecological Interests: 37 38 40 42 44  
 46 48 51 57 58  
 Geographical Areas: northern Illinois, northwest Indiana, western Colorado  
 Organism Specialties: algae: Euglenales; insects: Odonata

Ecological Expertise: behavioral interactions between unicellular organisms (mainly algae) and invertebrate hosts; epibiosis and symbiosis

#422

**Dr. Thomas A. Williams**  
 Assistant Professor  
 North Central College  
 Department of Biology  
 29 N. Brainard Street  
 Naperville, IL 60566

Ph.D. Washington State University 1984  
 Phone (312) 420-3489

Organisms Worked With: 10  
 Systematic Techniques: 20 23 27 33  
 Ecological Interests: 34 37 40 42  
 46 51 66

Geographical Areas: North America

Organism Specialties: Ambystomatidae

Ecological Expertise:

#423

**Dr. William Evan Williams**  
 Assistant Professor  
 Trinity College  
 Department of Biology  
 Hartford CT, 06106

Ph.D. Stanford University 1981  
 Phone (203) 527-3151 ext. 570

Organisms Worked With: 1 2  
 Systematic Techniques: 20 21 33  
 Ecological Interests: 35 42  
 57

Geographical Areas: Champaign County, Illinois; California; New England  
 Organism Specialties:

Ecological Expertise: plant physiological ecology, especially stomatal control, photosynthesis, heat exchange and elevated carbon dioxide levels

#424

**Dr. Mary F. Willson**  
 Professor  
 University of Illinois  
 Dept. of Ecology, Ethology & Evolution  
 606 E. Healey Street  
 Champaign, IL 61820

Ph.D. University of Washington 1964  
 Phone (217) 333-0608

Organisms Worked With: 1 9  
 Systematic Techniques:  
 Ecological Interests: 34 35 40 42 43  
 46 48 51 58

Geographical Areas: Champaign, Piatt, Vermilion and Douglas Counties, Illinois; Minnesota, Wisconsin

Organism Specialties:

Ecological Expertise: plant reproduction; pollination, floral display, life history, seed dispersal

#425

**Dr. Karin Wisiol**  
 Plant Physiologist  
 U.S. Department of Agriculture  
 Agricultural Research Service  
 614 Indian Road  
 Glenview, IL 60025

Ph.D. University of Illinois-Chicago 1982  
 Phone (312) 729-3294

Organisms Worked With: 1 5 8 12 16  
 Systematic Techniques: 21  
 Ecological Interests: 35 36 41 42 43 45  
 55 56 58 59 60 61 62

Geographical Areas: Midwest, north-central and Great Plains states; Africa; Asia; Australia; New Zealand; South America and Central America

Organism Specialties: Poaceae, Fabaceae; Nematoda; ungulates

Ecological Expertise: modelling; grazingland ecology; crop ecology

#426

**Dr. James H. Witham**  
 Assistant Supportive Scientist  
 Illinois Natural History Survey  
 Section of Wildlife Research  
 607 E. Peabody Dr.  
 Champaign, IL 61820

Ph.D. Colorado State University 1983  
 Phone (217) 333-6855

Organisms Worked With: 8  
 Systematic Techniques:  
 Ecological Interests: 34 41 43 45  
 48 50 52 53 58 62 64

Geographical Areas: southwestern states, Sonoran Desert

Organism Specialties: ungulates

Ecological Expertise:

#427

**Dr. Gertraude C. Wittig**

Professor

Southern Illinois University  
Department of Biological Sciences  
Edwardsville, IL 62026Ph.D. Univ. of Tubingen-Germany 1955  
Phone (618) 692-3927Organisms Worked With: 12  
Systematic Techniques: 20 24 27  
Ecological Interests:Geographical Areas:  
Organism Specialties: Insecta - Haloplidae

Ecological Expertise:

#428

**Mr. Lorne Mark Wolfe**Graduate Student  
University of Illinois  
Dept. of Ecology, Ethology, & Evolution  
606 E. Healy Street  
Champaign, IL 61820M.Sc. University of Toronto 1984  
Phone (217) 333-2235Organisms Worked With: 1 12  
Systematic Techniques: 26 31  
Ecological Interests: 37 40 42  
46 51 58

Geographical Areas:

Organism Specialties: Pontederiaceae - *Pontederia cordata*;  
Sarraceniaceae - *Sarracenia purpurea*; Insecta - *Bombus*  
Ecological Expertise: pollination biology, plant reproductive biology,  
foraging behavior of bees

#429

**Dr. Robert S. Wolff**Instructor of Biology  
Trinity Christian College  
Department of Biology  
6601 W. College Drive  
Palos Heights, IL 60463Ph.D. University of Wisconsin-Milwaukee 1984  
Phone (312) 597-3000 Ext. 57Organisms Worked With: 14 16  
Systematic Techniques: 20 21 22 23 28 30  
Ecological Interests: 35  
46 48 58

Geographical Areas: Nearctic and Neotropics

Organism Specialties: Oligochaeta - Lumbricidae, Enchytraeidae;  
Arachnida, Araneae - Salticidae, Lycosidae, Senoculidae  
Ecological Expertise:

#430

**Dr. A. Michelle Wood**Postdoctoral Fellow  
University of Chicago  
Biophysics and Theoretical Biology  
920 E. 58  
Chicago, IL 60637

Ph.D. University of Georgia 1980

Organisms Worked With: 1 7 19  
Systematic Techniques: 21 27 31 33  
Ecological Interests: 37 38 39 40 42 44  
47 50 51 55 56 57 58 59 63Geographical Areas: continental shelf, estuarine and oceanic systems  
of the Atlantic, Gulf of Mexico and Caribbean SeaOrganism Specialties: marine phytoplankton: Bacillariophyceae,  
Dinophyceae, Haptophyceae, Cyanophyceae, etc.Ecological Expertise: aquatic microbial ecology, photosynthesis and  
primary production, trace metal biogeochemistry, phytoplankton ecology and  
evolution

#431

**Dr. William M. Zales**Botany Instructor  
Joliet Junior College  
Biology Department  
1216 Houbolt Road  
Joliet, IL 60436Ph.D. Univ. of British Columbia 1972  
Phone (815) 729-9020Organisms Worked With: 1 4 6 8 9 11  
Systematic Techniques: 21 27 30  
Ecological Interests: 42 43 45  
52 62 63

Geographical Areas: Will County and adjacent areas, Illinois

Organism Specialties: Bryophyta - *Philonotis*

Ecological Expertise:

#432

**Dr. Arthur Rainer Zangerl**Research Associate  
University of Illinois  
Department of Entomology  
320 Morrill Hall, 505 S. Goodwin Avenue  
Urbana, IL 61801Ph.D. University of Illinois 1980  
Phone (217) 333-7784Organisms Worked With: 1 12  
Systematic Techniques:  
Ecological Interests: 34 40 42 43  
51 57 58 59 60 63 65

Geographical Areas: Champaign County, Illinois

Organism Specialties:

Ecological Expertise: plant population variation and ecological  
variation

#433

**Dr. Jerrold H. Zar**  
Professor & Chairman  
Northern Illinois University  
Department of Biological Sciences  
De Kalb, IL 60115-2861

Phone (815) 753-0433

Organisms Worked With: 8 9 12  
Systematic Techniques:  
Ecological Interests: 35 38 40 41 42 43  
49 50 53 57

Geographical Areas:  
Organism Specialties:  
Ecological Expertise: statistical analysis of research data

#434

**Dr. Craig A. Zimmerman**  
Professor and Chairman  
Aurora College  
Department of Biology  
347 S. Gladstone  
Aurora, IL 60506

Ph.D. University of Michigan 1969  
Phone (312) 892-6431

Organisms Worked With: 1 9  
Systematic Techniques:  
Ecological Interests: 40 43  
46 51 56 57 60 65

Geographical Areas:  
Organism Specialties: Portulaca

Ecological Expertise: physiological ecology of weeds; imprinting in game birds; changes in disturbed streams

#435

**Dr. U. Douglas Zimmerman**  
Associate Professor  
Eastern Illinois University  
Department of Botany  
Charleston, IL 61920

Ph.D. University of Missouri-Columbia 1971  
Phone (217) 581-3525

Organisms Worked With: 1  
Systematic Techniques:  
Ecological Interests: 34 35 36 40 41 42 43 44 45  
59 60 62 63 65

Geographical Areas: Coles County, Illinois  
Organism Specialties:

Ecological Expertise: effects of land use on vegetation, and of vegetation on land use; adventive species encroachment into adjacent vegetation; establishment and maintenance of tallgrass prairie

## 5. Index

Numbers in the body of all indices refer to the record number of respondents listed alphabetically in Section 4.2.

### 5.1 Categorical Response Index

#### 5.1.1 ORGANISMS WORKED WITH:

##### GROUP NUMBER 1 — FLOWERING PLANTS

2, 3, 8, 12, 13, 15, 17, 18, 20, 23, 24, 27, 28, 30, 31, 35, 36, 40, 41, 42, 47, 51, 55, 57, 59, 61, 62, 65, 68, 71, 75, 81, 83, 85, 90, 92, 93, 96, 98, 99, 101, 102, 108, 109, 113, 115, 119, 120, 122, 123, 125, 127, 132, 133, 137, 140, 141, 142, 143, 148, 149, 150, 151, 154, 160, 165, 167, 168, 171, 173, 174, 181, 183, 185, 186, 187, 188, 190, 193, 194, 197, 198, 199, 204, 207, 209, 216, 218, 224, 226, 228, 229, 235, 237, 238, 243, 245, 246, 248, 250, 253, 254, 256, 258, 259, 260, 263, 268, 269, 270, 272, 273, 276, 279, 281, 283, 285, 286, 290, 291, 292, 298, 299, 302, 305, 306, 308, 312, 313, 315, 316, 317, 319, 320, 330, 331, 332, 333, 335, 336, 337, 342, 348, 350, 352, 353, 355, 368, 372, 373, 375, 377, 378, 379, 387, 389, 390, 409, 410, 413, 420, 423, 424, 425, 428, 430, 431, 432, 434, 435

##### GROUP NUMBER 2 — GYMNOSPERMS

12, 15, 42, 47, 51, 59, 75, 93, 99, 101, 108, 109, 127, 132, 140, 141, 150, 151, 167, 174, 185, 194, 197, 204, 207, 209, 216, 218, 246, 256, 268, 273, 279, 294, 320, 331, 336, 350, 352, 353, 355, 364, 373, 377, 379, 387, 409, 413, 420, 423

##### GROUP NUMBER 3 — FERNS AND FERN ALLIES

12, 15, 47, 75, 93, 99, 101, 102, 108, 123, 132, 140, 141, 150, 151, 167, 174, 185, 194, 197, 204, 207, 209, 218, 231, 243, 246, 250, 256, 259, 268, 279, 294, 302, 308, 331, 336, 337, 352, 353, 355, 364, 366, 373, 379, 387, 409, 413, 420

##### GROUP NUMBER 4 — BRYOPHYTES

15, 17, 97, 123, 141, 174, 209, 246, 268, 279, 280, 306, 308, 326, 355, 356, 367, 409, 431

##### GROUP NUMBER 5 — FUNGI

13, 18, 62, 80, 117, 123, 132, 141, 155, 162, 190, 205, 209, 232, 244, 245, 254, 258, 269, 326, 334, 344, 355, 371, 389, 391, 404, 409, 415, 418, 425

##### GROUP NUMBER 6 — LICHENS

13, 15, 17, 80, 84, 141, 209, 243, 246, 285, 334, 344, 347, 367, 409, 415, 420, 431

##### GROUP NUMBER 7 — ALGAE

3, 6, 42, 52, 55, 58, 62, 76, 123, 127, 134, 141, 144, 157, 197, 215, 226, 228, 235, 248, 256, 258, 263, 270, 277, 280, 289, 311, 355, 369, 396, 414, 421, 430

##### GROUP NUMBER 8 — MAMMALS

4, 15, 19, 24, 29, 35, 37, 38, 42, 47, 48, 59, 71, 74, 94, 101, 104, 105, 106, 111, 114, 116, 118, 123, 127, 128, 130, 132, 136, 138, 139, 140, 143, 145, 148, 158, 159, 164, 167, 175, 183, 187, 189, 195, 198, 203, 209, 217, 224, 230, 235, 236, 238, 242, 249, 250, 252, 255, 266, 267, 278, 279, 285, 287, 288, 295, 296, 302, 303, 307, 309, 320, 321, 322, 323, 325, 327, 328, 333, 335, 338, 340, 341, 345, 349, 358, 370, 372, 382, 384, 390, 398, 400, 401, 402, 406, 409, 410, 411, 412, 413, 425, 426, 431, 433

##### GROUP NUMBER 9 — BIRDS

3, 4, 9, 10, 13, 15, 29, 35, 36, 37, 39, 42, 47, 56, 59, 71, 78, 94, 101, 103, 114, 116, 123, 127, 132, 133, 139, 140, 143, 145, 148, 166, 167, 179, 183, 184, 187, 189, 196, 197, 198, 209, 211, 230, 238, 248, 250,

274, 279, 288, 295, 296, 302, 305, 312, 318, 320, 321, 322, 325, 327, 332, 333, 335, 338, 340, 341, 368, 370, 372, 373, 376, 398, 400, 401, 402, 409, 410, 411, 412, 413, 424, 431, 433, 434

##### GROUP NUMBER 10 — REPTILES AND AMPHIBIANS

15, 16, 21, 29, 33, 35, 43, 47, 50, 55, 69, 73, 82, 88, 123, 124, 127, 132, 145, 148, 161, 163, 167, 170, 177, 182, 189, 197, 202, 213, 227, 230, 233, 239, 242, 250, 257, 261, 262, 264, 276, 279, 288, 295, 296, 302, 309, 312, 313, 320, 321, 331, 343, 347, 368, 372, 383, 394, 398, 400, 409, 411, 412, 413, 414, 422

##### GROUP NUMBER 11 — FISHES

1, 11, 22, 26, 34, 53, 55, 58, 60, 63, 66, 71, 76, 87, 88, 89, 100, 123, 127, 129, 132, 147, 152, 167, 169, 176, 179, 180, 182, 184, 186, 192, 201, 202, 209, 210, 213, 216, 222, 228, 229, 233, 240, 249, 262, 263, 274, 276, 282, 289, 293, 295, 296, 299, 302, 304, 310, 311, 312, 320, 321, 329, 343, 346, 354, 359, 362, 363, 372, 374, 378, 380, 381, 382, 386, 392, 396, 398, 399, 400, 411, 412, 413, 414, 417, 419, 431

##### GROUP NUMBER 12 — INSECTS

1, 5, 7, 14, 15, 24, 25, 28, 31, 32, 40, 42, 44, 45, 46, 49, 54, 55, 64, 66, 67, 70, 71, 72, 79, 81, 82, 86, 95, 108, 112, 121, 122, 123, 124, 125, 132, 135, 145, 146, 149, 152, 153, 156, 167, 171, 172, 178, 182, 185, 186, 189, 200, 202, 206, 208, 209, 210, 211, 212, 216, 217, 219, 221, 223, 225, 231, 232, 237, 240, 241, 245, 247, 251, 262, 270, 271, 276, 283, 284, 289, 292, 295, 299, 300, 301, 302, 304, 311, 312, 314, 324, 330, 331, 332, 337, 340, 342, 346, 357, 360, 361, 368, 380, 382, 385, 388, 392, 393, 395, 397, 403, 404, 407, 411, 412, 413, 414, 417, 421, 425, 427, 428, 432, 433

##### GROUP NUMBER 13 — CRUSTACEANS

1, 7, 15, 34, 45, 52, 55, 58, 63, 66, 81, 123, 144, 182, 186, 201, 216, 221, 234, 241, 262, 263, 276, 282, 295, 297, 300, 302, 311, 312, 357, 363, 380, 392, 396, 405, 419

##### GROUP NUMBER 14 — ARACHNIDS

15, 111, 112, 132, 189, 191, 217, 292, 295, 297, 302, 388, 429

##### GROUP NUMBER 15 — MOLLUSKS

7, 29, 45, 55, 58, 63, 66, 71, 82, 87, 88, 89, 107, 110, 118, 123, 182, 186, 212, 221, 228, 229, 241, 276, 295, 300, 311, 312, 320, 333, 351, 354, 372, 380, 392, 408, 411, 419

##### GROUP NUMBER 16 — WORMS

1, 7, 55, 66, 87, 91, 182, 186, 217, 241, 265, 276, 300, 311, 312, 411, 416, 419, 425, 429

##### GROUP NUMBER 17 — COELENTRATES

7, 107, 408, 419,

##### GROUP NUMBER 18 — PROTOZOANS

6, 55, 217, 220, 245, 275, 276, 359, 370, 396

##### GROUP NUMBER 19 — OTHER ORGANISM GROUPS

7, 91, 96, 107, 126, 135, 138, 191, 214, 217, 232, 235, 263, 277, 297, 334, 356, 396, 430

### 5.1.2 SYSTEMATIC TECHNIQUES USED:

#### GROUP NUMBER 20 — ANATOMY

5, 21, 22, 23, 33, 40, 42, 43, 44, 46, 48, 50, 53, 59, 60, 64, 66, 68, 69, 74, 75, 78, 84, 91, 95, 98, 100, 104, 105, 106, 107, 110, 116, 120, 124, 128, 130, 134, 135, 140, 142, 143, 145, 146, 149, 172, 175, 177, 180, 182, 188, 190, 191, 193, 198, 199, 200, 201, 206, 213, 220, 223, 227, 237, 239, 241, 247, 250, 255, 257, 259, 261, 264, 265, 267, 271, 272, 273, 276, 277, 280, 287, 293, 294, 295, 298, 299, 300, 309, 311, 312, 314, 328, 329, 331, 333, 335, 341, 344, 347, 351, 359, 362, 364, 367, 370, 371, 379, 381, 383, 384, 388, 391, 394, 395, 396, 398, 399, 403, 404, 407, 408, 409, 411, 412, 416, 421, 422, 423, 427, 429

#### GROUP NUMBER 21 — BIOGEOGRAPHY

2, 5, 6, 9, 15, 16, 21, 22, 23, 25, 31, 33, 35, 39, 40, 41, 42, 44, 45, 46, 47, 49, 50, 54, 57, 59, 60, 66, 67, 71, 72, 73, 78, 84, 85, 86, 92, 94, 95, 97, 98, 103, 104, 105, 107, 108, 112, 116, 117, 119, 120, 121, 123, 124, 128, 129, 130, 132, 133, 134, 140, 141, 142, 145, 146, 149, 153, 154, 158, 165, 167, 168, 170, 171, 174, 175, 179, 180, 181, 184, 185, 186, 188, 191, 193, 198, 199, 200, 204, 205, 206, 214, 221, 229, 239, 240, 241, 242, 243, 246, 247, 250, 252, 253, 255, 257, 259, 261, 264, 267, 268, 270, 271, 272, 277, 279, 280, 281, 282, 283, 287, 288, 294, 295, 296, 297, 298, 300, 308, 310, 313, 314, 320, 324, 328, 329, 331, 332, 333, 335, 336, 337, 341, 342, 343, 344, 345, 347, 348, 351, 353, 359, 362, 366, 367, 369, 373, 377, 379, 381, 383, 384, 385, 387, 388, 392, 393, 394, 395, 398, 399, 403, 404, 407, 409, 410, 411, 418, 421, 423, 425, 429, 430, 431

#### GROUP NUMBER 22 — CHROMATOGRAPHY / ELECTROPHORESIS

6, 21, 31, 43, 54, 60, 70, 82, 83, 84, 120, 129, 142, 147, 149, 168, 171, 192, 200, 205, 234, 242, 261, 266, 273, 275, 279, 282, 293, 298, 326, 337, 342, 345, 347, 367, 379, 385, 388, 389, 394, 405, 415, 416, 417, 420, 429

#### GROUP NUMBER 23 — CLADISTICS

6, 22, 33, 40, 46, 53, 60, 69, 74, 78, 95, 103, 105, 107, 112, 124, 129, 130, 141, 142, 146, 156, 171, 175, 180, 181, 191, 199, 206, 213, 227, 239, 242, 247, 255, 257, 261, 267, 271, 282, 297, 310, 316, 329, 335, 337, 341, 344, 359, 362, 374, 379, 388, 394, 399, 403, 407, 417, 422, 429

#### GROUP NUMBER 24 — CYTOLOGY / CHROMOSOMES

3, 68, 83, 85, 86, 98, 106, 107, 110, 129, 134, 142, 154, 157, 168, 181, 192, 199, 205, 215, 235, 250, 255, 259, 261, 266, 272, 298, 316, 335, 344, 348, 353, 355, 359, 367, 371, 379, 393, 399, 421, 427

#### GROUP NUMBER 25 — EMBRYOLOGY

80, 107, 227, 271, 293, 343, 344, 359, 417

#### GROUP NUMBER 26 — GENETICS / BREEDING

3, 16, 31, 32, 38, 43, 54, 62, 70, 76, 82, 83, 100, 111, 113, 122, 129, 147, 161, 168, 192, 199, 205, 233, 234, 235, 250, 253, 255, 261, 279, 288, 293, 298, 312, 323, 342, 345, 351, 353, 355, 371, 379, 381, 387, 405, 417, 428

#### GROUP NUMBER 27 — GROSS MORPHOLOGY

1, 2, 5, 6, 7, 12, 16, 17, 21, 23, 25, 32, 33, 39, 40, 42, 43, 44, 46, 47, 49, 50, 52, 53, 54, 55, 57, 59, 60, 64, 66, 67, 68, 69, 71, 73, 74, 75, 78, 80, 82, 83, 84, 85, 88, 92, 93, 95, 97, 98, 103, 104, 105, 106, 107, 108, 110, 112, 116, 120, 121, 123, 124, 125, 128, 129, 130, 134, 135, 140, 141, 142, 143, 145, 146, 149, 153, 154, 155, 156, 157, 158, 165, 168, 170, 171, 172, 175, 177, 180, 186, 189, 190, 197, 198, 199, 200, 201, 205, 206, 212, 213, 214, 215, 217, 220, 221, 223, 227, 229, 239, 241, 243, 244, 246, 247, 252, 256, 258, 259, 261, 262, 263, 264, 267, 268, 269, 271, 272, 273, 275, 276, 277, 280, 282, 288, 289, 290, 294, 295, 298, 299, 300, 301, 303, 306, 310, 311, 312, 313, 314, 316, 324, 326, 328, 329, 331, 332, 333, 334, 335, 336, 339, 342, 344, 347, 348,

351, 353, 354, 355, 356, 358, 359, 362, 364, 366, 367, 369, 370, 371, 373, 375, 377, 379, 381, 383, 385, 387, 388, 391, 392, 393, 394, 395, 399, 403, 404, 405, 407, 408, 409, 410, 411, 415, 416, 418, 421, 422, 427, 430, 431

#### GROUP NUMBER 28 — NOMENCLATURE

5, 6, 12, 21, 23, 33, 40, 43, 44, 46, 49, 50, 57, 60, 64, 66, 67, 68, 69, 71, 72, 75, 80, 83, 84, 85, 91, 93, 95, 97, 98, 103, 104, 107, 108, 112, 120, 121, 124, 128, 129, 130, 132, 134, 135, 141, 142, 143, 146, 153, 154, 155, 157, 158, 165, 172, 175, 180, 181, 185, 189, 190, 191, 197, 198, 199, 200, 204, 205, 206, 207, 212, 214, 215, 220, 231, 233, 237, 239, 241, 243, 244, 247, 250, 252, 256, 258, 259, 261, 264, 265, 267, 268, 269, 271, 272, 273, 277, 280, 282, 287, 290, 295, 298, 300, 301, 306, 310, 311, 313, 314, 316, 328, 332, 333, 334, 335, 336, 337, 339, 341, 344, 348, 351, 353, 358, 359, 362, 366, 367, 371, 373, 375, 377, 379, 381, 384, 385, 388, 389, 393, 395, 398, 399, 403, 404, 407, 408, 409, 410, 411, 418, 429

#### GROUP NUMBER 29 — PALYNOLOGY

68, 75, 85, 96, 272, 294, 298, 316, 348, 364, 366

#### GROUP NUMBER 30 — PHENETICS

6, 21, 33, 40, 60, 74, 84, 95, 107, 112, 142, 154, 156, 157, 165, 180, 181, 188, 206, 227, 239, 255, 257, 272, 273, 282, 287, 297, 303, 337, 344, 351, 353, 359, 362, 375, 384, 393, 394, 399, 407, 417, 429, 431

#### GROUP NUMBER 31 — REPRODUCTIVE BIOLOGY

6, 8, 9, 12, 16, 33, 38, 40, 41, 42, 43, 50, 59, 60, 73, 83, 86, 94, 95, 103, 106, 107, 108, 113, 116, 122, 123, 143, 147, 154, 157, 163, 171, 179, 180, 185, 188, 189, 190, 198, 199, 202, 215, 219, 233, 234, 247, 250, 253, 255, 257, 261, 264, 271, 272, 273, 279, 282, 286, 293, 323, 326, 335, 337, 343, 344, 351, 359, 372, 373, 379, 381, 383, 384, 387, 388, 394, 399, 405, 408, 409, 410, 411, 428, 430

#### GROUP NUMBER 32 — SEROLOGY

198, 217, 242, 266, 417

#### GROUP NUMBER 33 — OTHER SYSTEMATIC TECHNIQUES

31, 32, 50, 70, 75, 80, 121, 130, 146, 150, 151, 157, 168, 170, 177, 205, 217, 227, 265, 267, 270, 271, 277, 288, 297, 304, 328, 334, 344, 351, 353, 366, 369, 391, 393, 407, 408, 412, 422, 423, 430

### 5.1.3 ECOLOGICAL INTERESTS:

#### GROUP NUMBER 34 — TERRESTRIAL POPULATION ECOLOGY

4, 9, 10, 13, 16, 20, 24, 25, 27, 28, 29, 30, 31, 33, 35, 36, 37, 38, 39, 40, 41, 42, 43, 47, 48, 50, 54, 56, 59, 61, 65, 67, 68, 72, 79, 81, 82, 83, 84, 90, 94, 103, 108, 111, 112, 113, 115, 116, 117, 118, 119, 122, 123, 127, 132, 133, 135, 136, 138, 139, 140, 142, 143, 148, 153, 154, 158, 159, 160, 161, 162, 163, 164, 166, 170, 172, 173, 174, 177, 178, 184, 185, 188, 191, 192, 194, 195, 196, 197, 198, 200, 202, 203, 204, 206, 208, 209, 215, 219, 223, 224, 225, 230, 231, 236, 237, 245, 247, 250, 251, 252, 253, 255, 257, 264, 270, 278, 279, 281, 284, 285, 286, 288, 291, 295, 302, 305, 306, 307, 312, 315, 317, 318, 319, 321, 322, 324, 325, 328, 330, 333, 335, 336, 337, 341, 342, 345, 350, 351, 353, 356, 357, 358, 360, 361, 370, 372, 373, 376, 379, 387, 388, 390, 392, 393, 398, 401, 402, 404, 407, 410, 411, 412, 422, 424, 426, 432, 435

#### GROUP NUMBER 35 — TERRESTRIAL COMMUNITY ECOLOGY

3, 4, 8, 9, 10, 13, 15, 20, 24, 25, 27, 28, 29, 30, 31, 33, 35, 36, 38, 40, 41, 46, 50, 56, 59, 61, 65, 73, 75, 81, 84, 86, 90, 92, 93, 94, 96, 98, 99, 101, 103, 108, 109, 115, 116, 117, 121, 123, 127, 128, 133, 137, 138, 139, 140, 141, 143, 148, 153, 155, 156, 162, 166, 167, 170, 173, 174, 175, 177, 184, 185, 188, 191, 194, 195, 196, 197, 198, 200,

204, 207, 208, 209, 215, 216, 217, 218, 219, 223, 226, 230, 231, 236, 237, 243, 245, 246, 247, 248, 250, 252, 253, 254, 256, 260, 264, 270, 279, 281, 283, 285, 286, 290, 292, 294, 295, 296, 302, 306, 307, 312, 313, 315, 317, 318, 319, 321, 328, 330, 331, 333, 335, 336, 338, 341, 344, 347, 349, 350, 351, 352, 353, 357, 367, 368, 370, 372, 373, 375, 376, 378, 379, 387, 389, 390, 392, 398, 404, 407, 410, 411, 412, 413, 418, 420, 423, 424, 425, 429, 433, 435

#### GROUP NUMBER 36 — TERRESTRIAL ECOSYSTEM ECOLOGY

2, 10, 13, 18, 27, 29, 35, 51, 61, 62, 65, 71, 75, 84, 90, 101, 102, 104, 108, 114, 116, 123, 127, 128, 139, 140, 141, 143, 148, 149, 164, 167, 171, 173, 179, 183, 184, 185, 187, 188, 190, 192, 196, 197, 198, 203, 209, 215, 216, 217, 218, 219, 223, 226, 232, 237, 238, 243, 250, 254, 260, 268, 269, 270, 272, 279, 281, 285, 292, 294, 302, 307, 308, 312, 315, 319, 320, 321, 323, 334, 335, 339, 340, 343, 344, 347, 351, 352, 353, 356, 370, 373, 378, 379, 387, 389, 392, 395, 397, 398, 401, 403, 407, 409, 411, 413, 414, 420, 425, 435

#### GROUP NUMBER 37 — AQUATIC POPULATION ECOLOGY

1, 6, 7, 10, 11, 16, 26, 33, 34, 43, 46, 49, 50, 52, 53, 55, 58, 60, 63, 66, 71, 76, 77, 81, 82, 87, 88, 89, 91, 107, 117, 122, 123, 126, 127, 132, 134, 139, 147, 152, 169, 176, 177, 180, 182, 184, 185, 188, 192, 201, 202, 208, 209, 215, 216, 217, 222, 223, 228, 229, 233, 237, 240, 247, 257, 263, 264, 265, 271, 274, 275, 276, 280, 282, 293, 299, 301, 302, 304, 310, 311, 312, 329, 333, 334, 354, 357, 363, 369, 372, 378, 380, 381, 386, 388, 392, 394, 396, 399, 405, 411, 414, 416, 417, 419, 421, 422, 428, 430

#### GROUP NUMBER 38 — AQUATIC COMMUNITY ECOLOGY

3, 5, 6, 7, 10, 11, 15, 26, 33, 34, 45, 46, 49, 52, 53, 55, 58, 65, 66, 77, 80, 81, 82, 87, 88, 92, 98, 107, 123, 126, 127, 129, 134, 139, 143, 144, 147, 148, 152, 155, 167, 174, 176, 180, 182, 184, 185, 186, 188, 201, 207, 209, 210, 215, 216, 221, 222, 223, 228, 229, 233, 237, 240, 241, 247, 256, 262, 263, 264, 265, 274, 275, 276, 277, 280, 296, 297, 299, 300, 301, 302, 311, 312, 329, 331, 343, 346, 352, 354, 357, 362, 365, 369, 378, 380, 381, 386, 392, 394, 396, 399, 411, 413, 414, 416, 419, 420, 421, 430, 433

#### GROUP NUMBER 39 — AQUATIC ECOSYSTEM ECOLOGY

1, 2, 7, 10, 11, 26, 32, 46, 49, 55, 58, 66, 76, 77, 87, 102, 107, 123, 126, 127, 134, 139, 147, 152, 167, 176, 179, 180, 182, 184, 186, 188, 192, 201, 209, 215, 217, 222, 223, 228, 229, 233, 237, 238, 240, 241, 262, 265, 270, 276, 277, 280, 289, 297, 300, 301, 302, 311, 312, 320, 327, 339, 343, 346, 354, 363, 365, 367, 369, 378, 380, 381, 386, 389, 392, 396, 403, 406, 409, 411, 413, 414, 416, 419, 420, 430

#### GROUP NUMBER 40 — BASIC APPROACH

1, 6, 9, 10, 11, 13, 14, 15, 16, 20, 24, 28, 30, 31, 33, 35, 38, 39, 40, 42, 43, 47, 48, 50, 51, 53, 54, 56, 59, 60, 61, 63, 65, 67, 70, 75, 79, 80, 81, 82, 84, 86, 89, 90, 92, 93, 94, 96, 98, 103, 104, 107, 108, 112, 115, 116, 117, 118, 120, 121, 122, 123, 126, 127, 128, 129, 132, 135, 136, 138, 140, 142, 143, 145, 146, 152, 153, 154, 156, 159, 160, 161, 162, 163, 166, 167, 170, 171, 174, 175, 176, 177, 178, 180, 183, 184, 185, 191, 192, 194, 195, 197, 198, 200, 201, 202, 204, 206, 207, 208, 210, 215, 216, 219, 222, 223, 224, 225, 229, 230, 231, 232, 237, 246, 247, 248, 250, 251, 252, 253, 254, 256, 257, 263, 264, 265, 268, 269, 270, 271, 272, 274, 275, 277, 279, 280, 281, 282, 283, 285, 286, 287, 290, 292, 293, 294, 295, 297, 301, 302, 303, 305, 307, 311, 313, 315, 317, 318, 319, 320, 321, 322, 328, 329, 331, 333, 334, 335, 339, 342, 343, 344, 345, 346, 347, 351, 353, 354, 356, 357, 360, 362, 363, 367, 368, 369, 370, 376, 377, 379, 383, 384, 385, 386, 388, 389, 390, 392, 393, 394, 395, 397, 398, 399, 402, 403, 405, 406, 407, 410, 411, 412, 413, 416, 417, 418, 419, 421, 422, 424, 428, 430, 432, 433, 434, 435

#### GROUP NUMBER 41 — APPLIED APPROACH

2, 3, 5, 13, 14, 19, 26, 29, 36, 38, 42, 45, 46, 47, 48, 49, 51, 52, 55, 56, 58, 59, 61, 62, 66, 71, 75, 76, 77, 87, 88, 90, 94, 101, 111, 114, 116, 117, 119, 122, 126, 127, 134, 135, 136, 139, 140, 143, 144, 148

149, 152, 155, 162, 164, 167, 169, 171, 173, 176, 178, 182, 184, 186, 187, 188, 189, 190, 195, 198, 200, 201, 203, 204, 208, 209, 216, 217, 218, 219, 221, 222, 223, 225, 229, 230, 232, 235, 236, 237, 240, 241, 245, 249, 257, 262, 270, 272, 275, 276, 280, 281, 283, 285, 286, 288, 290, 291, 293, 294, 295, 296, 300, 302, 304, 311, 312, 315, 317, 319, 321, 322, 324, 327, 330, 335, 336, 339, 341, 342, 343, 344, 345, 346, 347, 349, 353, 354, 363, 365, 369, 372, 375, 378, 381, 386, 387, 389, 392, 396, 399, 401, 402, 404, 409, 410, 412, 414, 417, 418, 419, 420, 426, 433, 435

#### GROUP NUMBER 42 — NATURAL SYSTEMS

1, 2, 3, 5, 6, 7, 9, 10, 11, 13, 15, 16, 17, 18, 20, 24, 25, 26, 28, 30, 31, 32, 35, 36, 37, 38, 39, 40, 41, 42, 43, 45, 46, 48, 49, 50, 51, 53, 54, 55, 58, 59, 60, 61, 63, 65, 66, 67, 70, 71, 72, 73, 75, 80, 81, 82, 84, 86, 88, 89, 90, 92, 93, 94, 96, 98, 101, 102, 103, 104, 107, 108, 109, 112, 113, 115, 116, 117, 119, 121, 122, 123, 126, 127, 128, 129, 133, 134, 135, 136, 137, 138, 139, 140, 141, 143, 144, 145, 148, 152, 155, 159, 148, 152, 155, 159, 160, 162, 163, 164, 166, 169, 173, 174, 175, 176, 178, 179, 182, 184, 185, 186, 191, 195, 196, 197, 198, 201, 202, 204, 207, 209, 211, 216, 218, 221, 222, 223, 224, 226, 229, 230, 231, 232, 236, 237, 240, 241, 243, 244, 246, 247, 250, 252, 253, 254, 256, 257, 260, 262, 263, 264, 265, 266, 267, 270, 271, 274, 276, 277, 278, 279, 280, 281, 282, 283, 286, 287, 288, 290, 293, 294, 295, 296, 297, 299, 302, 304, 305, 306, 307, 308, 311, 312, 313, 315, 317, 318, 319, 320, 321, 322, 327, 328, 329, 330, 331, 333, 334, 335, 336, 338, 339, 341, 344, 345, 346, 347, 349, 350, 351, 352, 353, 354, 356, 357, 360, 362, 363, 365, 370, 372, 373, 376, 378, 379, 381, 383, 384, 385, 386, 387, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 402, 403, 404, 405, 407, 409, 411, 412, 413, 414, 416, 417, 418, 419, 420, 421, 422, 424, 428, 430, 431, 432, 433, 435

#### GROUP NUMBER 43 — DISTURBED SYSTEMS

2, 5, 9, 10, 11, 13, 15, 18, 19, 24, 25, 27, 30, 31, 36, 37, 39, 40, 45, 46, 49, 50, 51, 52, 53, 55, 56, 58, 59, 61, 62, 65, 66, 71, 72, 73, 77, 83, 84, 87, 88, 90, 92, 94, 96, 98, 107, 109, 115, 116, 118, 126, 127, 133, 134, 135, 136, 137, 140, 141, 143, 144, 145, 148, 152, 155, 159, 164, 166, 169, 173, 174, 175, 176, 178, 179, 182, 184, 185, 186, 191, 195, 196, 197, 198, 201, 202, 204, 207, 209, 211, 216, 218, 221, 222, 223, 225, 226, 230, 232, 236, 237, 240, 241, 247, 248, 249, 250, 253, 254, 257, 260, 262, 264, 270, 278, 279, 280, 282, 284, 285, 286, 290, 291, 292, 293, 295, 296, 300, 302, 304, 306, 308, 311, 312, 313, 317, 318, 319, 320, 321, 322, 327, 329, 333, 334, 335, 338, 341, 343, 344, 345, 346, 347, 349, 351, 352, 353, 354, 363, 365, 370, 372, 373, 375, 376, 377, 381, 385, 386, 387, 389, 392, 393, 394, 395, 396, 397, 398, 401, 402, 411, 414, 416, 420, 424, 425, 426, 431, 432, 433, 434, 435

#### GROUP NUMBER 44 — ARTIFICIAL SYSTEMS

10, 18, 19, 26, 38, 39, 46, 50, 55, 56, 63, 66, 70, 76, 79, 88, 111, 113, 116, 122, 125, 126, 134, 143, 144, 162, 169, 176, 178, 189, 190, 196, 201, 202, 216, 219, 222, 223, 236, 240, 243, 245, 251, 269, 280, 286, 288, 296, 300, 302, 311, 320, 323, 327, 334, 345, 352, 357, 361, 363, 369, 372, 373, 386, 387, 396, 405, 406, 417, 420, 421, 430, 435

#### GROUP NUMBER 45 — MANAGED SYSTEMS

2, 10, 15, 18, 26, 32, 39, 42, 46, 50, 51, 55, 56, 58, 59, 61, 66, 71, 72, 76, 77, 87, 88, 94, 109, 113, 114, 118, 121, 125, 126, 127, 133, 134, 135, 136, 139, 140, 143, 148, 149, 152, 153, 159, 161, 164, 169, 171, 176, 178, 182, 184, 187, 188, 190, 195, 196, 197, 198, 200, 201, 203, 208, 209, 216, 217, 219, 223, 228, 230, 232, 236, 243, 245, 250, 252, 260, 275, 276, 279, 281, 284, 288, 289, 293, 296, 299, 301, 304, 307, 311, 315, 317, 319, 320, 322, 323, 324, 327, 334, 335, 336, 338, 341, 345, 346, 349, 350, 352, 362, 363, 372, 373, 378, 379, 386, 387, 392, 393, 394, 395, 396, 397, 398, 401, 404, 409, 410, 418, 419, 420, 425, 426, 431, 432, 433, 435

#### GROUP NUMBER 46 — BEHAVIORAL ECOLOGY

4, 9, 11, 16, 25, 28, 31, 33, 35, 37, 38, 40, 42, 48, 50, 55, 56, 58, 59, 67, 71, 86, 103, 104, 107, 111, 116, 118, 121, 125, 129, 136, 145, 146, 147, 149, 153, 154, 159, 163, 166, 171, 175, 176, 177, 178, 189, 195, 198, 200, 202, 203, 206, 208, 210, 211, 217, 219, 225, 229, 230, 231

233, 245, 247, 250, 251, 252, 264, 267, 274, 278, 282, 285, 288, 293, 295, 305, 307, 310, 318, 320, 323, 335, 338, 340, 342, 343, 345, 351, 357, 360, 361, 370, 372, 376, 382, 383, 385, 386, 390, 392, 394, 397, 399, 400, 402, 403, 410, 411, 412, 419, 421, 422, 424, 428, 429, 434

#### GROUP NUMBER 47 — COMMUNITY CLASSIFICATION

7, 8, 13, 15, 36, 45, 53, 56, 58, 61, 65, 66, 84, 92, 98, 101, 102, 107, 108, 121, 123, 127, 128, 129, 133, 134, 138, 140, 141, 148, 152, 153, 167, 170, 171, 174, 180, 184, 186, 188, 197, 204, 207, 209, 218, 221, 237, 241, 246, 248, 260, 268, 277, 279, 283, 285, 286, 290, 292, 295, 300, 301, 306, 312, 313, 315, 317, 331, 336, 344, 346, 350, 352, 353, 362, 367, 369, 377, 379, 380, 381, 392, 394, 407, 409, 411, 413, 418, 420, 430

#### GROUP NUMBER 48 — DEMOGRAPHY / LIFE HISTORY

4, 6, 8, 9, 13, 14, 16, 20, 25, 27, 28, 30, 33, 35, 38, 39, 40, 41, 43, 47, 50, 54, 56, 60, 61, 65, 66, 67, 73, 79, 84, 86, 88, 94, 103, 107, 108, 111, 113, 116, 117, 118, 121, 122, 123, 125, 133, 135, 136, 138, 139, 142, 156, 159, 160, 162, 163, 164, 166, 172, 174, 177, 178, 179, 180, 185, 190, 191, 194, 195, 198, 203, 208, 209, 217, 219, 224, 229, 230, 231, 233, 234, 241, 245, 247, 251, 252, 253, 255, 257, 261, 263, 265, 274, 278, 282, 283, 284, 285, 286, 287, 295, 301, 302, 305, 310, 318, 320, 321, 322, 323, 329, 330, 331, 334, 335, 343, 345, 346, 351, 357, 361, 369, 378, 381, 384, 385, 390, 392, 393, 394, 398, 399, 401, 402, 403, 404, 405, 410, 411, 419, 421, 424, 426, 429

#### GROUP NUMBER 49 — ENERGY BUDGETS

2, 7, 10, 26, 32, 51, 65, 73, 122, 126, 160, 204, 237, 270, 315, 319, 321, 349, 357, 362, 378, 379, 396, 401, 419, 433

#### GROUP NUMBER 50 — ENVIRONMENTAL ASSESSMENT

1, 2, 5, 13, 15, 18, 19, 29, 32, 34, 36, 42, 45, 46, 47, 50, 53, 58, 59, 61, 62, 66, 72, 77, 84, 87, 88, 89, 90, 94, 96, 101, 107, 108, 123, 127, 129, 133, 134, 140, 142, 143, 147, 148, 152, 153, 161, 167, 170, 173, 174, 178, 179, 182, 184, 186, 188, 189, 190, 196, 197, 198, 201, 209, 210, 216, 217, 218, 219, 221, 222, 226, 229, 230, 235, 236, 237, 240, 241, 245, 246, 249, 257, 260, 262, 263, 264, 265, 268, 270, 274, 276, 279, 280, 283, 285, 286, 290, 292, 295, 296, 299, 300, 302, 304, 308, 311, 312, 313, 315, 316, 318, 319, 320, 321, 325, 327, 328, 331, 333, 334, 335, 336, 338, 339, 341, 343, 346, 347, 349, 353, 354, 363, 365, 369, 372, 376, 379, 380, 381, 386, 392, 395, 396, 402, 406, 409, 411, 412, 413, 414, 416, 419, 420, 426, 430, 433

#### GROUP NUMBER 51 — EVOLUTION

9, 16, 28, 31, 33, 40, 43, 50, 57, 65, 67, 68, 70, 74, 75, 79, 81, 82, 86, 103, 104, 106, 107, 108, 113, 115, 116, 120, 125, 128, 129, 130, 133, 142, 145, 146, 160, 163, 170, 171, 175, 177, 178, 180, 185, 192, 202, 206, 214, 230, 231, 242, 247, 250, 251, 253, 257, 261, 264, 266, 267, 270, 271, 277, 282, 285, 286, 287, 288, 293, 294, 295, 297, 302, 303, 307, 309, 316, 318, 328, 329, 330, 331, 337, 342, 344, 351, 353, 357, 358, 360, 361, 362, 369, 379, 381, 382, 383, 384, 385, 390, 394, 397, 398, 399, 403, 405, 407, 412, 417, 418, 421, 422, 424, 428, 430, 432, 434

#### GROUP NUMBER 52 — FIELD CENSUS

4, 5, 8, 9, 10, 13, 15, 16, 17, 25, 29, 35, 36, 37, 39, 42, 43, 48, 49, 50, 53, 56, 61, 63, 65, 66, 71, 72, 82, 84, 86, 87, 88, 93, 94, 95, 96, 107, 108, 116, 117, 118, 123, 125, 127, 132, 133, 134, 135, 136, 137, 138, 139, 140, 142, 146, 147, 148, 149, 159, 164, 166, 169, 172, 176, 178, 180, 182, 185, 188, 195, 196, 197, 198, 200, 201, 209, 211, 218, 224, 228, 230, 233, 236, 237, 238, 243, 244, 245, 248, 250, 252, 257, 261, 262, 264, 268, 271, 272, 274, 276, 278, 279, 283, 285, 292, 295, 302, 305, 308, 310, 312, 313, 315, 320, 325, 331, 333, 335, 336, 338, 340, 341, 344, 345, 346, 351, 353, 357, 369, 372, 373, 376, 377, 381, 386, 387, 390, 392, 394, 396, 398, 399, 401, 402, 409, 410, 412, 426, 431

#### GROUP NUMBER 53 — HUMAN ECOLOGY

4, 74, 122, 128, 193, 203, 217, 288, 292, 295, 309, 312, 372, 406, 412, 426, 433

#### GROUP NUMBER 54 — LANDSCAPE ECOLOGY

2, 13, 14, 15, 29, 32, 59, 61, 71, 72, 75, 94, 102, 109, 128, 137, 140, 148, 171, 173, 184, 187, 193, 197, 198, 208, 209, 216, 218, 254, 281, 295, 312, 315, 317, 318, 320, 321, 327, 335, 370, 376, 387, 401, 407, 410, 418, 420, 430

#### GROUP NUMBER 55 — MODELS

19, 26, 27, 33, 46, 48, 51, 58, 61, 62, 77, 79, 109, 113, 122, 136, 139, 142, 160, 178, 219, 229, 237, 245, 251, 270, 284, 285, 304, 307, 312, 319, 324, 328, 341, 345, 354, 357, 361, 362, 363, 378, 380, 401, 419, 425, 430

#### GROUP NUMBER 56 — NUTRIENTS

7, 13, 18, 27, 30, 51, 65, 77, 88, 94, 109, 122, 127, 146, 173, 204, 222, 240, 254, 260, 263, 270, 276, 285, 286, 288, 302, 312, 319, 321, 334, 354, 363, 365, 378, 396, 401, 425, 430, 432, 434, 433, 434

#### GROUP NUMBER 57 — PHYSIOLOGICAL ECOLOGY

2, 10, 16, 18, 24, 27, 30, 33, 38, 61, 65, 70, 73, 90, 113, 143, 145, 146, 147, 160, 162, 173, 185, 207, 211, 216, 217, 219, 224, 225, 245, 253, 270, 271, 274, 285, 286, 288, 293, 302, 306, 311, 315, 349, 356, 360, 363, 365, 379, 383, 392, 399, 401, 405, 411, 412, 416, 417, 419, 421, 423, 430, 432, 433, 434

#### GROUP NUMBER 58 — PLANT / ANIMAL INTERACTIONS

3, 6, 7, 8, 10, 20, 24, 28, 30, 31, 35, 38, 40, 41, 42, 55, 56, 65, 67, 75, 76, 81, 86, 94, 101, 107, 108, 113, 115, 121, 122, 125, 128, 133, 135, 138, 139, 140, 142, 143, 144, 145, 146, 149, 153, 162, 171, 174, 176, 177, 178, 179, 183, 185, 187, 195, 198, 200, 203, 206, 208, 209, 219, 224, 229, 230, 236, 237, 240, 245, 247, 248, 250, 252, 253, 260, 272, 276, 278, 279, 280, 281, 283, 285, 286, 288, 302, 307, 314, 320, 323, 324, 327, 328, 330, 331, 335, 337, 338, 344, 349, 351, 353, 354, 360, 362, 368, 372, 378, 383, 385, 386, 389, 390, 392, 393, 397, 401, 404, 410, 411, 413, 414, 418, 419, 421, 424, 425, 426, 428, 429, 430, 432, 432

#### GROUP NUMBER 59 — PLANT / PLANT INTERACTIONS

3, 18, 20, 27, 30, 61, 68, 75, 94, 96, 101, 108, 109, 113, 122, 125, 140, 149, 160, 162, 173, 174, 185, 188, 190, 198, 204, 207, 209, 216, 237, 248, 253, 260, 269, 270, 276, 279, 281, 285, 286, 302, 334, 335, 337, 344, 350, 352, 356, 378, 389, 390, 413, 425, 430, 432, 435

#### GROUP NUMBER 60 — PLANT / SOIL INTERACTIONS

8, 13, 18, 30, 51, 61, 62, 71, 72, 75, 92, 94, 101, 108, 109, 125, 140, 142, 173, 174, 185, 188, 198, 204, 209, 219, 226, 248, 254, 260, 269, 270, 279, 281, 285, 302, 306, 315, 317, 335, 337, 344, 352, 379, 387, 389, 392, 413, 425, 432, 434, 435

#### GROUP NUMBER 61 — RECLAMATION

2, 5, 8, 13, 18, 32, 61, 66, 71, 72, 90, 94, 96, 123, 127, 139, 147, 152, 169, 173, 174, 176, 182, 198, 216, 218, 243, 253, 254, 260, 279, 281, 285, 292, 296, 306, 315, 319, 335, 341, 375, 376, 383, 392, 414, 420, 425

#### GROUP NUMBER 62 — RESOURCE MANAGEMENT

2, 10, 11, 13, 26, 27, 29, 41, 42, 46, 47, 52, 56, 58, 59, 61, 66, 71, 72, 77, 88, 94, 101, 102, 108, 109, 114, 123, 127, 136, 139, 140, 147, 148, 152, 164, 169, 173, 176, 184, 187, 195, 198, 201, 203, 209, 218, 219, 228, 229, 230, 233, 236, 238, 243, 250, 260, 263, 278, 279, 285, 289, 295, 296, 312, 315, 319, 320, 322, 325, 327, 333, 335, 336, 338, 341, 349, 354, 358, 362, 363, 372, 378, 381, 386, 389, 396, 401, 402, 406, 409, 410, 419, 420, 425, 426, 431, 435

#### GROUP NUMBER 63 — SUCCESSION

3, 6, 8, 13, 15, 18, 27, 30, 35, 42, 50, 61, 71, 72, 84, 90, 92, 94, 96, 107, 108, 109, 115, 117, 123, 126, 133, 134, 148, 162, 166, 173, 174, 185, 194, 198, 203, 204, 207, 209, 211, 215, 237, 240, 243, 248, 253, 260, 270, 275, 276, 279, 280, 281, 285, 286, 290, 294, 295, 302, 308, 312, 315, 317, 319, 321, 327, 328, 331, 335, 336, 344, 346, 351, 353, 354, 372, 373, 381, 387, 388, 392, 395, 402, 410, 413, 418, 420, 430, 431, 432, 435

**GROUP NUMBER 64 — TOXICOLOGY**

2, 10, 13, 19, 31, 34, 49, 147, 152, 162, 186, 189, 217, 219, 224, 229, 235, 262, 270, 279, 280, 291, 300, 311, 344, 346, 354, 365, 373, 380, 392, 399, 426

**GROUP NUMBER 65 — WEEDS**

13, 18, 27, 30, 50, 61, 62, 113, 125, 142, 148, 149, 169, 208, 216, 233

**GROUP NUMBER 66 — OTHER ECOLOGICAL TOPICS**

13, 24, 26, 47, 59, 63, 92, 108, 109, 113, 125, 126, 128, 135, 137, 140, 145, 146, 176, 193, 195, 211, 217, 231, 232, 233, 279, 297, 301, 303, 309, 328, 343, 353, 356, 361, 363, 369, 382, 386, 392, 412, 417, 422

## 5.2 Free-format Response Index

### 5.2.1 Geographic Areas:

- Adams County 225, 299, 333
- Afghanistan 204
- Africa 83, 239, 313, 388, 425
- Alabama 341, 392, 420
- Alaska 24, 266, 306, 349
- Alberta 61, 230
- Amazon River 26
- Antarctica 107
- Appalachians 13, 43, 84, 141
- Arctic 304
- Argentina 145, 146, 250, 344
- Arizona 21, 146, 158, 166, 237, 379, 418
- Arkansas 2, 86, 153
- Asia 83, 104, 168, 239, 277, 388, 394, 398, 425
- Atlantic Ocean 430
- Australasia 78, 141
- Australia 28, 168, 267, 277, 285, 351, 379, 388, 425
- Austria 344
- Azores Islands 107
- Bangladesh 348
- Belize 129, 174, 363
- Bolivia 348
- Brazil 26, 40, 103, 120, 200, 201, 298, 302, 344, 348, 363
- Bureau County 258
- Calhoun County 21
- California 16, 29, 54, 68, 341, 344, 371, 379
- Canada 13, 22, 37, 61, 95, 199, 230, 266, 314, 338
- Caribbean 180, 430
- Carroll County 35, 40, 219
- Central America 17, 33, 57, 73, 95, 106, 108, 129, 130, 165, 206, 295, 353, 366, 381, 395, 407, 425
- central states 33
- Champaign County 14, 24, 27, 31, 48, 49, 61, 65, 113, 118, 149, 156, 159, 184, 195, 208, 211, 216, 224, 225, 233, 253, 278, 286, 304, 334, 357, 360, 376, 378, 397, 405, 423, 424, 432
- Chicago 189, 373, 420
- Chile 252, 287
- China 200, 235, 294, 398
- Christian County 286
- Clark County 88, 149, 334, 415
- Clinton County 169, 187
- Coles County 88, 149, 166, 262, 276, 415, 435
- Colorado 28, 54, 69, 81, 86, 146, 152, 287, 341, 379, 410, 411, 421
- Columbia 83, 120, 250, 298, 344, 348
- Connecticut 29, 216
- continental shelf 430
- Cook County 13, 25, 32, 33, 42, 53, 73, 114, 115, 137, 207, 217, 223, 244, 288, 300, 302, 313, 356, 389, 395
- Costa Rica 20, 23, 57, 73, 108, 344, 382, 384
- Crawford County 149
- Cumberland County 88
- De Kalb County 149, 248, 252, 301, 398
- Delaware 216, 347
- De Witt County 233
- Dominican Republic 288
- Douglas County 424
- Du Page County 13, 14, 32, 42, 63, 73, 114, 123, 209, 215, 230, 237, 244, 288, 295, 368, 370
- eastern states 33, 156, 259, 264, 294, 324, 342
- Ecuador 86, 108, 298, 344, 348, 362, 366, 384
- Effingham County 40
- Egypt 309, 363
- England 28
- estuaries 430
- Europe 16, 277, 294
- Fayette County 40
- Florida 2, 32, 103, 141, 186, 334, 335, 344, 420
- Ford County 233, 286
- France 344
- Franklin County 225
- Fulton County 325
- Galapagos Islands 283
- Georgia 2, 141, 288, 334, 341, 418
- Germany 342
- Ghana 348
- Great Britain 113
- Great Lakes 414
- Great Lakes states 13, 59
- Great Plains 72, 425
- Grundy County 22, 58, 195, 238, 252, 306
- Gulf of Mexico 430
- Haiti 201, 363
- Hardin County 18
- Hawaii 13, 61, 379
- Henderson County 3, 40
- Holarctic 407
- Honduras 129
- Illinois, central 29, 30, 37, 51, 68, 107, 127, 130, 133, 142, 183, 243, 319, 328, 331, 360, 391, 396
- Illinois, east central 132, 166, 278, 305, 326, 346, 416
- Illinois, northeastern 73, 148, 178, 197, 281, 283, 300, 338, 352, 373, 387
- Illinois, northern 5, 6, 47, 129, 133, 135, 192, 207, 213, 241, 279, 353, 398, 421
- Illinois, northwestern 219, 252, 406
- Illinois, southern 11, 15, 43, 51, 60, 80, 96, 109, 140, 167, 190, 200, 201, 202, 240, 249, 317, 319, 322, 334, 345, 347, 358, 383, 399, 409, 410, 412
- Illinois, southwestern 265
- Illinois, west central 7, 117, 150, 151, 153, 174, 176, 279, 280, 387, 402
- Illinois River 7, 50, 66, 229, 257, 312, 319, 354
- India 74, 83, 204, 257, 327
- Indiana 17, 18, 32, 53, 93, 133, 153, 167, 182, 184, 189, 190, 195, 207, 246, 313, 326, 329, 331, 334, 348, 365, 387, 404, 420, 421
- Indonesia 348
- Intermountain states 13, 142
- Iowa 35, 119, 132, 190, 279, 312, 320, 331, 335, 339, 353
- Iran 309
- Iraq 309
- Iroquois County 48, 233
- Israel 363
- Italy 74, 342
- Jackson County 18, 36, 52, 138, 139, 225, 247, 292, 345, 371, 412
- Japan 200, 344, 398
- Jasper County 56, 410
- Jersey County 21, 243
- Jo Daviess County 35
- Kane County 73, 125, 238, 301, 392
- Kankakee County 40, 48, 58, 111, 238
- Kankakee River 346
- Kansas 22, 29, 341, 410, 411
- Kaskaskia River 274, 304
- Kendall County 58, 238
- Kentucky 60, 71, 84, 109, 182, 261, 302, 341, 371, 411
- Knox County 235, 335
- Korea 200, 398
- Lake County 13, 32, 73, 114, 263, 302
- Lake Michigan 100
- Lake Shelbyville 318
- La Salle County 398
- Latin America 51, 259, 296, 337
- Lee County 289
- Libya 313
- Livingston County 233, 395
- Logan County 149, 217
- Louisiana 340, 341

Mackinaw River 50, 89, 226  
 Macon County 49, 216  
 Macoupin County 90, 392  
 Madison County 21, 52, 149, 204, 274, 343, 381  
 Maine 411  
 Malaysia 257, 394  
 Marion County 40, 55, 56, 126, 410  
 Maryland 18, 216, 347  
 Mason County 40, 217, 219, 243, 258  
 Massachusetts 27, 29, 344  
 McDonough County 235, 275, 383  
 McHenry County 13, 73, 114, 125  
 McLean County 63, 86, 136, 231, 233, 390  
 Mexico 13, 21, 33, 40, 43, 60, 69, 83, 91, 154, 158, 165, 199, 257, 272, 288, 290, 295, 337, 344, 348, 353, 369, 377, 379, 412  
 Michigan 17, 32, 95, 177, 190, 207, 211, 288, 302, 331, 338, 360, 365, 376, 379, 397, 404, 410, 419, 420  
 Midwest 8, 66, 88, 94, 121, 134, 174, 186, 188, 191, 193, 194, 218, 364, 381, 425  
 Minnesota 32, 92, 95, 190, 338, 340, 353, 384, 410, 424  
 Mississippi 299  
 Mississippi River 7, 60, 66, 87, 89, 126, 143, 221, 229, 257, 312, 319, 339, 354, 392  
 Missouri 2, 5, 9, 21, 60, 87, 96, 127, 128, 153, 182, 190, 262, 279, 312, 320, 328, 329, 348, 350, 371, 387, 410, 411, 420  
 Missouri River 66  
 Monroe County 9, 21, 149, 169, 187, 262, 381  
 Montana 340  
 national forests 256, 319  
 national parks 84, 382  
 Nearctic 429  
 Nebraska 29, 384, 410  
 Neotropics 20, 78, 80, 83, 85, 105, 165, 175, 298, 412, 429  
 New England 59, 130  
 New Jersey 216, 230  
 New Mexico 21, 146, 287, 288, 328, 344, 379, 385  
 New World 67  
 New York 65, 130, 341  
 New Zealand 24, 97, 425  
 North America 72, 106, 135, 142, 194, 206, 271, 277, 282, 293, 388, 422  
 North Carolina 2, 46, 60, 163, 192, 222, 341, 379  
 North Dakota 340, 410  
 northeast states 145  
 northern states 266  
 Northwest Territories 22, 61  
 Norway 24, 342  
 Ogle County 248  
 Ohio 122, 153, 319, 329, 392  
 Oklahoma 286, 315, 341, 410  
 Ontario 37, 95  
 Oregon 204, 379  
 Orinoco River 274  
 Osage River 312  
 Ozarks 43, 60, 308, 328  
 Pacific Coast states 13, 353  
 Pacific Coast 82  
 Pacific Islands 168, 351  
 Pakistan 204, 328  
 Paleotropics 106, 108  
 Panama 11, 20, 108, 115, 160, 177, 184, 250, 257, 267, 302  
 Papua New Guinea 115  
 Paraguay 40, 250, 348  
 Patagonia 141  
 Pennsylvania 152, 153, 298, 329  
 Peoria County 161, 235, 240, 258, 359  
 Perry County 18, 52  
 Peru 25, 26, 38, 85, 103, 108, 120, 298, 318, 344, 348, 362, 366  
 Philippines 363  
 Piatt County 49, 136, 216, 233, 253, 278, 360, 397, 424  
 Pike County 21, 299, 333, 339  
 Poland 9  
 Pope County 14, 18, 149, 225, 318, 319  
 Puerto Rico 51, 59, 91  
 Putnam County 258  
 Randolph County 18, 21, 169, 182, 187, 371  
 Rock Island County 92, 212  
 Rocky Mountains 72, 121  
 Saline County 18, 138, 182  
 Sangamon County 391  
 Sangamon River 319  
 Sauk Hills 15  
 Shawnee Hills 15  
 Shelby County 243  
 Sonoran Desert 166, 426  
 South America 17, 23, 25, 33, 91, 95, 97, 108, 130, 267, 295, 298, 329, 362, 381, 388, 407, 425  
 South Carolina 46  
 South Dakota 288, 410  
 southeast states 13, 154, 245, 316, 395, 399, 416  
 southern states 165  
 southwest states 13, 33, 145, 154, 290, 337, 349, 353, 369, 426  
 Spain 344  
 Sri Lanka 342, 348  
 St. Clair County 21, 52, 169, 182, 187, 204, 208, 225, 262, 381  
 St. Louis, Missouri 381  
 subalpine 230  
 subantarctic 107  
 Switzerland 344  
 Taiwan 17, 348  
 Tamaulipas, Mexico 69  
 Tasmania 97  
 Tazewell County 161, 217  
 Tennessee 163, 261  
 Texas 2, 21, 22, 87, 146, 337, 341, 379, 410  
 Thailand 200, 348  
 Trinidad & Tobago 264  
 tropics 51, 382  
 U.S.S.R., 266, 294, 344  
 Union County 18, 116, 247, 292, 302, 318, 371, 412  
 Uruguay 40, 250, 344  
 Utah 146, 411  
 Venezuela 40, 83, 103, 120, 267, 274, 298, 310  
 Veracruz, Mexico 268, 272, 377  
 Vermilion County 49, 122, 184, 210, 233, 243, 253, 278, 304, 334, 376, 405, 424  
 Virginia 2, 81, 163, 347  
 Wabash County 18  
 Wabash River 319, 339  
 Warren County 3, 225  
 Washington 192, 341, 411  
 Washington County 169, 187  
 West Indies 40, 130, 264, 295, 395, 407  
 West Virginia 81, 98  
 western states 68, 142, 273, 296, 309, 349, 412  
 Whiteside County 35, 40  
 Will County 22, 40, 53, 58, 73, 237, 238, 346, 431  
 Williamson County 18, 139, 182, 292, 345, 371  
 Wisconsin 5, 15, 18, 29, 32, 47, 95, 177, 190, 192, 263, 268, 305, 320, 331, 348, 353, 365, 410, 420, 424  
 Woodford County 161, 385  
 worldwide 44, 46, 64, 112, 155, 157, 171, 180, 191, 220, 242, 271, 332, 351, 367, 403, 407, 408  
 Wyoming 53, 90, 392  
 Zaire 38

### 5.2.2 Taxonomic Expertise:

Abies 377  
 Abutilon 149  
 Acacia 337  
 Acantharcus 60  
 Acari 112, 191  
 Acarina 232  
 Accipitridae 47  
 Acer 65  
 Aceraceae 154, 190, 387  
 Acrotretida 107  
 Actinidiaceae 348  
 Aedes 49, 223  
 Aeolosomatida 411  
 Agaricales 344, 371  
 Agkistrodon 35  
 Agrimonia 199  
 algae 123, 134, 157, 215, 280, 421  
 Alosa 201  
 Amaranthaceae 268, 316  
 Amaranthus 316  
 Amaryllidaceae 165  
 Ambrosia 404  
 Ambystoma 43, 163, 261  
 Ambystomatidae 16, 43, 163, 261, 422  
 Amiidae 213  
 Amoebae 217  
 Amphibia 15, 227, 233, 264, 288  
 Anatidae 143  
 Angiospermae 299, 331, 379  
 Annelida 411  
 Annonaceae 23  
 Anolis 73  
 Anopheles 223  
 Anseriformes 10  
 Anthocerotophyta 367  
 Anura 21, 170, 177, 227, 264, 343  
 Aphididae 393  
 Aphyllophorales 409  
 Apiaceae 31, 68  
 Apicomplexa 220  
 Apis 342  
 Apodidae 412  
 Apoidea 40, 122, 206  
 Aquatic 7, 15, 34, 45, 46, 66, 186, 241, 262, 304, 392, 419  
 Arachnida 217, 388, 429  
 Araneae 388, 429  
 Arbutus 353  
 Arceuthobium 273  
 Arhtrobotrys 258  
 Aristolochiaceae 23  
 Asclepidaceae 119  
 Ascomycetes 80, 190, 205, 334, 371  
 Aspergillus 162, 418  
 Asplenium 366  
 Aster 181, 355  
 Asteraceae 85, 181, 253, 279, 290, 348, 353, 355  
 Atheridae 403  
 Attelabidae 135  
 Aves 78, 116, 184, 196, 238, 333, 372, 410  
 Bacillariophyceae 52, 226, 430  
 bacteria 217, 356  
 Bangiales 197  
 Basidiomycetes 205, 334, 344, 371, 391, 409  
 Betulaceae 190, 387  
 birds-of-prey 412  
 Bittacidae 403  
 Blennioidei 129, 180  
 Bombus 428  
 Boreidae 403  
 Bovidae 266

Braconidae 314  
 Branchiobdellida 411  
 Branchiopoda 396  
 Brassicaceae 142  
 Brugmansia 298  
 Brunfelsia 298  
 Bryophyta 15, 17, 123, 141, 246, 280, 306, 308, 326, 356, 431  
 Bufo 50  
 Bufonidae 50, 242  
 Byturidae 124  
 Calandoida 396  
 Calliphoridae 25  
 calypoblastic 408  
 Camaridae 282  
 Campanularidae 408  
 Campostoma 60  
 Canidae 358  
 Caprifoliaceae 154, 290  
 Caprimulgiformes 250  
 Caprinae 266  
 Capsella 113  
 Carex 98  
 Carnivora 111, 175, 285, 335, 358, 412  
 Carpophos 21  
 Cassia 185  
 Castilleja 68  
 Castor 111  
 Cathartidae 47  
 Catinella 110  
 Caudata 43, 242  
 Caulanthus 142  
 Celaenopsoidea 112  
 Centrarchidae 60, 88, 100, 176, 210, 213, 233, 293, 417  
 Cerambycidae 40  
 Ceriodaphnia 34  
 Cerotoma 149  
 Ceroyonis 153  
 Cervidae 278  
 Cestoda 217  
 Cetoniinae 124  
 Chaenusa 314  
 cheilanthonid ferns 337  
 Chelicerates 297  
 Chiasmodontidae 180  
 Chilorrhinophis 313  
 Chironomidae 5, 66, 182, 289, 300, 339, 403, 419  
 Chiroptera 59, 106, 130, 158, 175, 295, 384, 398, 402  
 Chlamydia 217  
 Chlorophyceae 215, 235  
 Chorebidea 314  
 Chorebidella 314  
 Chorebus 314  
 Chrysauginae 67  
 Chrysomelidae 40, 149, 324  
 Chrysophyceae 6  
 Cicadidae 145, 146  
 Cichlidae 310, 363  
 Ciliata 217, 275  
 Cladocra 234, 312, 396, 405  
 Cladomnion 141  
 Cladomniopsis 141  
 Clinostomus 60  
 Clupeidae 176  
 Coccinellidae 149  
 Cocos 120  
 Coelinidea 314  
 Coenomyiidae 403  
 Coenopteridales 294  
 Coleoptera 40, 45, 46, 82, 124, 200, 231, 237, 251, 271, 324, 395, 404, 407

Colinus 410  
 Collembola 42, 232  
 Colubridae 16, 33, 261, 313  
 Climbiformes 133  
 Commelinaceae 235  
 Coniferophytes 75  
 Conopidae 64  
 Convolvulaceae 316  
 Copepoda 312, 396  
 Coquillettidia 223  
 Corbiculidae 354  
 Cordaitales 75  
 Cordylanthus 68  
 Coreopsidinae 353  
 Cornus 154  
 Corvidae 103  
 Corylus 122  
 Cotingidae 103  
 Coybridae 264  
 Cracycera 171  
 Crataegus 269  
 Crenicila 310  
 Cricetidae 158, 242, 255, 287, 341  
 Crocodilia 69, 250  
 Crotalidae 264, 412  
 Crotalus 21, 35  
 Crotaphytus 21  
 Cruciferae 113  
 Crustacea 396  
 Cucurbitaceae 268  
 Culex 49, 223  
 Culicidae 25, 49, 223  
 Culiseta 223  
 Curabidae 237  
 Curculionoidea 135  
 Cyanophyceae 430  
 Cyatheaceae 366  
 Cyclocriniales 277  
 Cyclopoida 396  
 Cylindrocapsales 157  
 Cyperaceae 98, 256  
 Cyprinidae 60, 87, 100, 282, 329  
 Cyprinodontidae 274, 381  
 Dacnusinae 314  
 Dactylella 258  
 Dahlia 353  
 Daphnia 34, 234, 405  
 Dendrobatiidae 242  
 Desmognathus 43, 163  
 Deuteromycetes 190, 391  
 Diabrotica 125  
 Dichanthelium 375  
 Dichelodontium 141  
 Dinophyceae 430  
 Diplogyniidae 112  
 Diptera 5, 25, 49, 64, 66, 171, 223, 312, 403, 407  
 DNA viruses 217  
 Drosophila 54, 70  
 Dryopidae 271  
 Dryopoidea 271  
 Dunaliella 369  
 ectomycorrhizae 117, 344  
 Edentata 250  
 Elaphe 412  
 Elephantidae 328  
 Elmidae 271  
 Emydidae 250  
 Enchytraeidae 429  
 endangered species 41, 246, 336, 411  
 Entamoeba 217  
 Enterobacteria 217  
 ephemerals 285  
 Ephemeroptera 66, 221, 241, 299, 388, 419  
 Epicachna 149  
 Epipyxis 6  
 Eptesicus 59  
 Eragrostis 75  
 Ericaceae 353, 387  
 Eriocaulaceae 165  
 Eriogonum 154  
 Erythroxylum 298  
 Esocidae 100, 192, 233  
 Etheostoma 60  
 Euglenales 421  
 Euphorbiaceae 165  
 Eurotiales 418  
 eurypterids 297  
 Eustigmatophycea 215  
 Eutamias 287  
 Euzerconideae 112  
 Eviphidoidea 191  
 extinct species 75, 214, 227, 294, 297, 309  
 Fabaceae 119, 168, 185, 256, 337, 425  
 Fagaceae 190  
 Falconidae 47, 412  
 Felidae 111, 358  
 Felis 111, 116  
 fishes 22, 87, 91, 180, 182, 184, 233, 262, 265, 304, 312, 412  
 Flagellata 217  
 Formicariidae 103  
 freshwater 134, 197, 215, 280, 411  
 fungi 117, 334, 344  
 furbearers 238  
 Galliformes 10, 94, 402, 410  
 Gastropoda 82, 118  
 Geocalyraceae 97  
 Geomyidae 111, 287  
 Geomys 111  
 Giardia 217  
 Glutopidae 403  
 Glycine 149, 168  
 Glyphothecium 141  
 Gobioidei 129, 180  
 Gulo 111  
 Gymnospermae 379  
 Gymnotiformes 274, 362  
 Gyrinophilus 43  
 Haideotriton 43  
 Haliplidae 46, 427  
 Hampeella 141  
 Haptophyceae 430  
 Harposporium 258  
 Heliantheae 353  
 Helianthus 122, 270  
 Helminths 265  
 Hepaticae 97, 367  
 Hesperiidae 44  
 Hesperioidae 385  
 Heteroptera 45  
 Heterozeroconoidae 191  
 Hirudinea 411  
 Hispinae 324  
 Histeridae 407  
 Holbrookia 21  
 Holobasidiomycetes 391  
 Holocontridae 129  
 Holothyroidea 191  
 Homoptera 393  
 Hydrophiidae 394  
 Hydrozoa 107, 408  
 Hyla 50, 264  
 Hydilidae 21, 50, 242, 264, 343  
 Hymenoptera 40, 156, 206, 314, 342  
 Hypomycetes 80, 334, 391

Hypoxis 165  
 Ictaluriidae 100, 176, 233, 363  
 Indicatoridae 116  
 Insecta 31, 46, 95, 145, 189, 206, 212, 388, 392, 404, 407, 409, 419, 421, 428  
 Insectivora 128, 309, 323, 345  
 Inuleae 253  
 invertebrates 7, 15  
 Iguanidae 21  
 Iridaceae 387  
 Ithomiinae 86  
 Jacquemontia 316  
 Juglandaceae 190  
 Juglans 269  
 Kinosternidae 33  
 Kinosternon 33  
 Lacertidae 398  
 Lagomorpha 285  
 Lampropeltis 21, 412  
 Lauraceae 57  
 Lepidodendrales 294  
 Lepidoptera 32, 44, 67, 72, 86, 121, 172, 219, 331, 385  
 Lepiota 371  
 Lepisosteidae 213  
 Lepomis 60, 417  
 Leptodactylidae 242  
 Leptomedusae 408  
 lichens 15, 84, 279, 285, 334, 420  
 Liliaceae 387  
 lizards 170  
 Loganiaceae 165  
 Longicornis 125  
 Lonicera 290  
 Loranthaceae 273  
 Loricariidae 329  
 Lucanidae 332  
 Lumbricidae 429  
 Lycopsida 294  
 Lycosidae 429  
 Macaca 104  
 macroinvertebrates 66, 186, 262, 304  
 Macropodidae 285  
 Mallomonas 6  
 Malus 269  
 Mammalia 116, 158, 238, 267, 278, 303, 309, 333, 372, 398, 412  
 Mammut 328  
 Mammuthus 328  
 Mansonia 223  
 Marattiales 294  
 marine 91, 430  
 Marsupialia 250, 323  
 Mecoptera 403  
 Meloidae 40  
 Meropeidae 403  
 Mesembrinellidae 25  
 Mesostigmata 191  
 Mesoxylon 75  
 Micropterus 417  
 Microtinae 128, 255, 266  
 Microtus 255, 341  
 Mimosoideae 337  
 Miscogasterinae 156  
 mites 191  
 Molluginaceae 268  
 Mollusca 110, 312, 351  
 Moniliaceae 258  
 Monimiaceae 12  
 Monogononta 396  
 Monotremata 267  
 Morchella 117  
 Mucorales 155  
 Musci 306, 356  
 mussels 182  
 Mustela 111, 116  
 Mustelidae 111, 412  
 Myctophiformes 180  
 Myobatrachidae 242  
 Myristicaceae 23  
 Myxoxymycetes 244, 334  
 Naididae 1  
 Najadaceae 378  
 Natrix 412  
 Nematoda 7, 217, 425  
 Nemonychidae 135  
 Nerodia 261  
 Noctuidae 121, 149, 219  
 non-game birds 196  
 Notodontidae 121  
 Notophthalmus 43  
 Notropis 60, 329  
 Notorus 60  
 Nycteribiidae 407  
 Nymphalidae 86, 332  
 Ochromonas 6  
 Odocoileus 303  
 Odonata 301, 421  
 Oecophoridae 31  
 Oedogoniales 157  
 Oleaceae 190  
 Oligochaeta 1, 66, 87, 411, 416, 429  
 Opheodrys 33  
 opossums 295  
 Orchidaceae 23, 41  
 Orthida 107  
 Orthocarpus 68  
 Orthopodomyia 223  
 Orysias 34  
 oscines 116  
 Ostariophysi 329  
 Osteichthyes 53, 329  
 Oxyloma 110  
 Palmae 120  
 Pandionidae 47  
 Panicum 375  
 Panorpidae 403  
 Panorpidae 403  
 Panthera 111  
 Papilionidae 31, 86, 331, 332, 385  
 partunid crabs 297  
 Passer 9  
 Passeriformes 103, 133, 412  
 Pelecypoda 221  
 Penicillium 162, 418  
 Pennsylvaniinoxylon 75  
 Penetatoidea 247  
 Percichthyidae 100, 176, 233  
 Percidae 53, 60, 87, 88, 233, 282  
 Perciformes 60, 417  
 Perideridia 68  
 Peromyscus 42, 158, 255  
 Phasianus 410  
 Philonotis 431  
 Phycomyces 155  
 Phyllostomidae 106, 130  
 Phytolaccaceae 353  
 phytoplankton 430  
 Piciformes 133  
 Pimeleodidae 310  
 Pimephales 34  
 Pinaceae 377, 387  
 Pinus 377  
 Piperaceae 57  
 Pipridae 103  
 Platanus 269

Plathypena 149  
 Platymonas 235  
 Platyrhini 105  
 Plecoptera 241, 299, 388  
 Plethodon 383  
 Plethodontidae 16, 43, 163, 227, 383  
 Ploima 396  
 Poaceae 75, 83, 92, 93, 256, 285, 375, 425  
 Poeciliidae 129  
 Poecilopholis 313  
 Polemon 313  
 Polychaeta 411  
 Polypodiaceae 366  
 Pomacentridae 53  
 Pontederia 428  
 Portulaca 434  
 Potamogetonaceae 378  
 Primata 74, 104, 105, 175, 250, 323  
 Primulaceae 8  
 Proboscidea 128, 328  
 Procyonidae 358  
 Prosorbranchia 107  
 Prostigmata 191  
 Protozoa 220  
 Pselaphidae 395  
 Psephenidae 271  
 Pseudacris 21, 50, 264, 343  
 Pseudoplatystoma 310  
 Pseudotriton 43  
 Psocoptera 95  
 Psorophora 223  
 Pteridophyta 123, 259, 294, 337, 364, 366  
 Pteridospermopsida 364  
 Pteromalidae 156  
 Pterophoridae 67  
 Pteropidae 106  
 Ptychomnion 141  
 Pupillidae 110  
 Pyralidae 67  
 Pyraloidea 67  
 Quercus 269  
 Rachiceridae 403  
 Radiocytales 277  
 Rana 50, 202  
 Receptaculitales 277  
 Reptilia 16, 233, 264, 288, 398, 412  
 Rhagionidae 403  
 Rhipiphoridae 40  
 Rhodophyta 197  
 Rhopaiocena 44  
 Rhopalocera 72, 86, 153  
 Rhynchinidae 135  
 Rhynchonellida 107  
 RNA viruses 217  
 Rodentia 48, 111, 128, 158, 189, 250, 255, 266, 287, 295, 296, 33!  
     345, 384, 402  
 Rosaceae 154, 316  
 Rotifera 396  
 Salamandridae 16, 43, 383  
 Salicaceae 268, 387  
 Salientia 50  
 Salmonidae 100, 192, 233  
 Salticidae 429  
 Sapindaceae 337  
 Sarops 314  
 Sarracenia 428  
 Saturnidae 332  
 Saurauia 348  
 Scarabaeidae 124  
 Sceloporus 21  
 Schistochilaceae 97  
 Schizogyniidae 112  
 Sciaenidae 363  
 Sciuridae 48, 143, 266, 278, 287  
 Scirus 48  
 Scolopax 94  
 Scolytidae 404  
 Scrophulariaceae 23, 68  
 Scyphozoa 107  
 Sejina 191  
 Senoculidae 429  
 Serpentes 21, 170, 239, 313, 412  
 Serrasalminae 274  
 Shaeriidae 354  
 Sigmodon 341  
 Silphium 355  
 Siluriformes 60, 329, 362  
 Sinapis 113  
 Sirene 43  
 Sistrurus 35  
 Solanaceae 268, 298  
 Solidago 119  
 Solvidae 403  
 Soricidae 128, 158  
 Sphaeropleales 157  
 Spiraea 154  
 Spiriferica 107  
 Squamata 21, 33, 73, 264  
 Stanleya 142  
 Staphylinidae 231  
 Sternotherus 33  
 Stevia 348  
 Stomiiformes 180  
 Storeria 33  
 Streblidae 407  
 Strepsiptera 200  
 Strigidae 47  
 Strophomenida 107  
 Succinea 110  
 Sylvilagus 94  
 Symphyta 314  
 Symplocarpus 154  
 Synura 6  
 Syprinidae 233  
 Takydromus 398  
 Talpidae 309  
 Tamiasciurus 48  
 Teleostomi 312, 329, 359  
 Temnospondyli 227  
 Tenebrionidae 251  
 Terebratulida 107  
 Testudinidae 33, 250, 257  
 Tetraphidopsis 141  
 Tetraselmis 235  
 Thaïs 82  
 Thamnophis 16, 33  
 Thelypodiopsis 142  
 Thelypodium 142  
 Thereuidae 171  
 Thomomys 287  
 threatened species 246, 336, 411  
 Thymelaeaceae 272  
 Tilia 154  
 Torula 80  
 Tradescantia 235  
 Trematoda 91  
 Tribolium 82, 251  
 Trichomonas 217  
 Trichoptera 66, 221, 241, 299, 388  
 Trientalis 8  
 Trigynaspida 112, 191  
 Tubificidae 1, 300, 339, 416  
 Tympanuchus 410  
 Typhlotriton 43

Tyrannidae 108  
 Tytonidae 47  
 Ulmaceae 268  
 Ulmus 269  
 Umbridae 192  
 ungulates 38, 425, 426  
 Unionidae 87, 221, 354  
 Unionida 333  
 Uranotaenia 223  
 Urodela 227  
 Urodeles 16, 163  
 Vauquelinia 154  
 Verbenaceae 268  
 Vertebrata 411  
 Vespetilionidae 59, 106, 130, 398  
 Virgifera 125  
 viruses 217  
 Viscaceae 273  
 Vombatidae 285  
 Xanthium 149  
 Xanthophyceae 215  
 Xenarthra 267  
 xiphosurans 297  
 Xylophagidae 403  
 yeasts 205  
 Zenaida 94  
 Zizania 122  
 Zoraptera 237, 314

### 5.2.3 Ecological Expertise:

abatement 289  
 abundance 196  
 acarine 191  
 acids 363  
 activity 49, 146  
 adaptation 145, 344  
 adult 177  
 adventive 435  
 aerial 310  
 age 88, 233  
 agriculture 94, 125, 133, 149, 401  
 agroecosystems 59, 125, 149, 171, 418  
 air pollution 347  
 algae 6, 215, 421  
 alpine 15  
 alteration 363  
 altitudinal 25  
 Amazonian 362  
 ambrosia beetle 404  
 amenity trees 14, 269  
 Amerindians 193  
 amphibians 16, 29, 43, 50, 313, 383  
 animal 24, 148, 185, 230, 235  
 animal management 338  
 annuals 418  
 ant/plant interactions 28, 81  
 anurans 177, 202  
 applications 245, 345  
 applied 42, 400, 409  
 aquatic 11, 12, 62, 66, 127, 186, 226, 228, 233, 241, 301, 302, 304, 346, 354, 363, 378, 430  
 aquatic ecology 32, 77, 152, 179, 182, 184, 186, 257, 301, 343, 365, 405  
 aquatic ecosystems 58, 240, 276, 311, 386  
 architecture 160  
 arctic 24  
 arid 349  
 arthropod 42, 135  
 artificial 55, 222, 243  
 assessment 187, 279, 327, 420

associations 175, 356, 373, 392  
 Asteraceae 122  
 atmosphere 211  
 aufwuchs 66  
 autecology 257, 353  
 availability 30  
 avoidance 146  
 bacteria 62, 126, 356  
 balances 32  
 banding 305  
 bats 59, 148, 236  
 bees 428  
 beetle 237  
 behavior 4, 86, 122, 153, 195, 200, 264, 305, 307, 360, 385, 390, 397, 421, 428  
 behavioral ecology 16, 38, 159, 171, 202, 338, 342, 368  
 benthic 45, 66, 221, 276, 411, 416  
 bioassays 34  
 biochemical 417  
 biogeochemistry 430  
 biogeography 4, 25, 78, 103, 146, 153, 218, 264, 331, 351  
 biomass 58  
 bionomics 49, 223  
 biostatistics 401  
 birds 4, 9, 29, 36, 37, 39, 42, 56, 94, 133, 166, 174, 187, 191, 196, 238, 274, 302, 305, 310, 318, 335, 340, 341, 376, 434  
 bogs 334  
 bottomlands 51, 317  
 brachiopods 107  
 Brazil 120  
 breeding 36, 111, 113, 166  
 breeding systems 253  
 brood 318  
 bryophytes 141, 306  
 budgets 122  
 butterflies 172, 353  
 Calliphoridae 25  
 captive 111  
 carbon dioxide 113, 423  
 cat 116  
 catostomid 346  
 caves 81, 236, 237, 302  
 censusing 37, 233, 261, 279, 305, 310, 313, 340  
 Cercyonis pegala 153  
 cereal 162, 418  
 channelized streams 89  
 chaparral 418  
 chemical 31, 107, 235, 337  
 chemical ecology 200, 353  
 chemistry 77, 224, 245, 289  
 chromosomes 235  
 Chrysophyceae 6  
 cicada 382  
 Cladocera 234, 312, 396, 405  
 classification 65, 279, 327, 331, 343, 344, 346  
 clastogenicity 235  
 climax 370  
 coal 182, 346  
 coevolution 330  
 Coleoptera 200  
 collection 72  
 communication 146, 177, 211  
 communities 2, 11, 24, 34, 45, 56, 58, 65, 86, 93, 107, 109, 120, 127, 128, 129, 138, 140, 170, 174, 184, 186, 187, 189, 195, 201, 209, 210, 218, 222, 226, 241, 246, 262, 279, 283, 291, 306, 315, 317, 331, 344, 346, 347, 363, 367, 381, 404, 412, 416, 418, 404  
 community ecology 4, 8, 9, 26, 27, 59, 108, 204, 256, 264, 294, 318, 368  
 community structure 11, 107, 129, 262, 306, 367, 381  
 comparative 412  
 competition 30, 48, 79, 129, 284, 286  
 composition 122, 350  
 compounds 34, 235  
 computer 260

conservation 187, 236, 257  
 contamination 279, 311  
 control 148, 223, 326, 423  
 cooling lakes 346  
 coprophilous 418  
 corn 155  
 corticolous 141  
*Corylus* 122  
 cottontail 321  
 cowbirds 305  
 crocodiles 310  
 crops 149, 178, 324, 425  
 crustaceans 63, 302  
 Culicidae 49  
 cultivated 12, 155  
 cultural 309  
 cycles 146  
 cycling 321  
 damping-off 20  
 dams 296  
 data analysis 61, 433  
 database 260  
 deciduous 395  
 decomposition 297  
 deer 71, 136, 203, 278  
 defense 200  
 demography 16, 20, 103, 113, 138, 139, 160, 225, 261, 278, 345, 357  
 density 138  
 desert 171  
 development 60  
 diatom 226  
 diet 60  
 digenetic 265  
 discharges 241, 365  
 disease 20, 190, 269  
 dispersal 20, 28, 171, 211, 225, 424  
 dispersion 225  
 display 424  
 distribution 25, 41, 49, 58, 72, 89, 153, 172, 196, 209, 254, 362  
 disturbance 11, 137, 182, 254, 383, 416, 434  
 disturbed lands 90, 216  
 diversity 135, 170, 351, 387, 404  
 domestic 116  
 drift 66  
 driptips 382  
*Drosophila* 54  
 dunes 302  
 dynamics 10, 11, 24, 26, 49, 51, 63, 76, 103, 132, 136, 143, 159, 200, 219, 224, 233, 252, 302, 312, 324, 329, 369  
 ecological genetics 18, 82, 113, 234, 293, 405, 417  
 ecosystems 62, 66, 126, 171, 187, 215, 243, 254, 315, 395, 418  
 ecotoxicology 291  
 edaphic 254  
 education 368, 382, 412  
 effluents 34, 262, 386  
 emergence 149  
 encroachment 435  
 endangered 29, 41, 140, 148, 257, 291, 321, 402, 411  
 energetics 211, 321, 349, 362  
 energy 7, 32, 122, 154, 349  
 entrainment 66  
 environment 19, 33  
 environmental factors 2, 217, 267, 326, 369  
 environmental issues 19, 249, 274, 295, 300, 311, 339  
 ephemerals 390  
 epibiosis 421  
 epidemiology 190  
 establishment 243, 402, 435  
 estuarine 363  
 ethnobotany 298  
 ethology 400  
 evolution 82, 103, 125, 128, 146, 170, 309, 357, 382, 430  
 evolutionary ecology 178, 253, 282, 295, 302  
 exchange 423  
 exotic 148  
 experimentation 61  
 exploitation 201  
 fauna 116, 175, 191, 295  
 fens 281  
 ferns 123  
 field 233, 261, 279, 305, 313, 412  
 field stations 402  
 fire 8, 109, 418  
 fish 11, 26, 53, 55, 58, 60, 63, 88, 89, 176, 201, 222, 233, 260, 262, 302, 304, 313, 329, 346, 362, 363, 381, 392  
 fisheries 88, 228, 289  
 flight 49, 211  
 floating 302  
 flocking 211  
 floodplains 50, 354  
 flora 141, 373  
 floral display 424  
 floristics 108, 197, 298  
 flow 7, 304  
 flower-visiting 122  
 flowering 299  
 fluctuations 170  
 food 358  
 foraging 103, 122, 202, 318, 428  
 forest 8, 14, 18, 51, 93, 96, 108, 109, 178, 188, 218, 250, 260, 302, 317, 318, 335, 350, 368, 382, 387, 389, 395  
 fossorial 50  
 freshwater 6, 63, 126, 134, 144, 215, 228, 237, 274, 275, 329  
 fruit 122  
 fungi 117, 155, 162, 190, 344, 382, 418  
 furbearer 139, 164  
 game 139, 238, 434  
 geographical 107, 264  
 geological 153, 331  
 germination 20, 418  
 glade 188  
 glaucous gulls 368  
 grassland 8, 56, 90, 92, 138, 243, 410  
 grazingland 425  
 group selection 79  
 grouse 410  
 growth 18, 20, 60, 88, 138, 233  
 guild 58  
 habitat 39, 94, 109, 127, 139, 166, 174, 187, 222, 231, 238, 260, 267, 276, 304, 318, 329, 335, 343, 352, 363, 369, 372, 387, 416  
 habits 358  
 hardwoods 190, 302  
 harvest 136  
 hazardous 186  
 heat 423  
 heavy metals 240  
 hedgerows 216  
 herbivores 24, 252  
 herbivory 208, 328  
 hill prairie 99  
 history 137, 331  
 Holocene 303  
 home range 345  
 homing 211  
 horticulture 12, 387  
 host 146, 175, 200, 245, 397, 404, 421  
 human 4, 122, 235, 296, 309, 328, 349  
 hybridization 50  
 hydroelectric 296  
 identification 72, 101, 387  
 impact assessment 1, 2, 11, 13, 34, 45, 46, 59, 66, 127, 182, 186, 216, 217, 221, 235, 237, 241, 249, 262, 274, 295, 296, 311, 312, 321, 341, 347, 349, 353, 363, 365, 380, 386, 392, 412, 435  
 impingement 66

- imprinting 434
- individuals 174
- insect ecology 208, 219, 223, 245
- insecticides 223
- insects 14, 31, 86, 122, 125, 146, 149, 153, 178, 208, 211, 219, 225, 283, 301, 324, 360, 382, 397, 412
- instream 304
- interactions 28, 31, 45, 81, 185, 201, 208, 216, 219, 225, 252, 319, 328, 349, 397, 401, 421
- interference 149
- interspecific 104, 252
- inventory 41, 84, 101, 140, 279, 327, 331, 387
- invertebrates 7, 237, 304, 421
- island 103
- laboratory 34, 284
- lakes 5, 52, 144, 176, 240, 263, 289, 299, 346, 363
- land use 127, 216, 401, 402, 435
- landscape 167
- lead 279
- leaf 190
- legumes 200
- lentic 58
- Lepidoptera 72, 86, 360, 368
- lichens 84, 347
- life history 14, 43, 60, 67, 79, 136, 138, 139, 158, 163, 247, 251, 255, 261, 265, 278, 282, 301, 329, 357, 392, 424
- life table 225
- limestone 141
- limnology 77, 127, 134, 299, 369
- lymphocytes 235
- macroinvertebrates 45, 66, 221, 241, 262, 392
- maintenance 435
- mammals 24, 29, 37, 42, 48, 59, 94, 138, 139, 158, 159, 183, 238, 252, 279, 303, 321, 335, 340, 349, 390, 402
- mammoths 328
- man 217, 249
- man-made 58
- managed 55
- management 41, 42, 88, 94, 101, 102, 111, 125, 136, 139, 140, 143, 148, 152, 176, 187, 197, 203, 209, 233, 236, 238, 243, 257, 260, 279, 281, 283, 289, 312, 315, 331, 333, 335, 336, 368, 372, 387, 402, 409, 420
- manipulation 187
- marine 107, 117, 329
- marsh 216
- Massospora cicadina 382
- mastodonts 328
- mathematical 307
- mating 146, 318
- mechanisms 61
- metabolites 337
- metals 240, 430
- meteorology 211
- methane 126
- methods 2, 200, 245
- microarthropods 292
- microbial 217
- microbial ecology 126, 378, 430
- microclimatic 174
- microcosms 302
- microorganisms 404
- microtine 224
- Microtus 138
- Midwest 5, 166
- migration 149, 166, 171, 211
- milkweeds 353
- mimicry 292, 360, 385, 397
- Missouri 350
- mitigation 2, 341
- modelling 46, 61, 245, 304, 307, 315, 324, 345, 357, 425
- models 109, 362, 401
- mollusks 63
- monarch 353
- monitoring programs 13, 61, 281
- monocarp 20
- morphology 33, 302
- mosquito 223, 289
- moss 356
- mouse 235
- movements 89, 225, 305
- multispecies 34
- mussels 228
- mutagenicity 235
- mycorrhizae 254
- mycotoxicogenic 418
- natural 50, 58, 140, 184, 243, 263, 331, 335, 336, 416
- natural areas 41, 99, 101, 102, 109, 119, 137, 140, 148, 188, 197, 218, 246, 268, 279, 282, 316, 335, 402, 409, 420
- natural history 176, 209, 381, 383
- natural selection 357
- Nearctic 72
- Neotropics 250
- nest 410
- nesting 36
- neutralization 52
- niche 129, 306, 344
- nitrogen fixation 204
- nongame 60, 238
- nutrient cycling 7, 254, 260, 319
- nutrition 10, 143
- nutrition ecology 24, 200, 224
- oak-hickory forest 370
- off-road vehicles 341
- old field 96, 138
- optimal foraging 202
- organic matter 51
- organization 170, 418
- orientation 211
- overwintering 49, 149
- paleobiology 303
- paleobotany 214
- paleoecology 75, 128, 193, 194, 277, 297
- paleotropical 294
- palm 120
- palynology 194
- parasites 63, 111, 191, 318
- parasitism 175
- parks 288
- parthenogenesis 234
- pathologic 217
- patterns 149, 351
- Pennsylvanian 107, 214, 294
- periphytic 134, 276
- pest management 125, 178, 208, 245
- pheasants 401
- phenology 20, 154, 166, 326
- phoresy 112
- photosynthesis 2, 423, 430
- physical 107
- physiographic 153
- physiological ecology 2, 18, 27, 33, 143, 160, 245, 302, 306, 379, 397, 423, 434
- physiology 10, 33, 143, 145
- phytoplankton 134, 280, 369, 430
- plankton 76, 107
- planning 32
- plant breeding 113, 253
- plant community 174, 187, 204, 209, 283, 317, 331
- plant ecology 96, 115, 378
- plants 2, 12, 15, 27, 30, 31, 41, 61, 62, 148, 160, 185, 193, 200, 219, 221, 224, 228, 235, 245, 252, 254, 299, 302, 313, 319, 330, 337, 353, 373, 387, 397, 423, 424, 428, 432
- Pleistocene 328
- pollination 20, 28, 122, 154, 286, 330, 424, 428

pollination ecology 40, 115, 292, 342  
 pollution 34, 235, 240, 241, 347, 354, 392  
 pond 176, 370  
 population 34, 50, 63, 88, 107, 138, 148, 170, 174, 177, 233, 245, 281, 310, 340, 341, 357, 402, 412, 432  
 population biology 79, 178, 230, 234, 382, 390  
 population dynamics 10, 24, 26, 49, 63, 76, 103, 132, 136, 143, 159, 200, 219, 224, 233, 252, 312, 324, 329, 369  
 population ecology 9, 27, 33, 48, 54, 59, 86, 94, 118, 138, 195, 251, 345, 372, 379, 401, 405  
 population genetics 251  
 power 221  
 power transmission 392  
 prairie 15, 50, 92, 99, 119, 133, 137, 148, 153, 188, 243, 279, 281, 286, 313, 316, 335, 350, 352, 353, 382, 387, 389, 410, 435  
 predation 20, 146, 178, 412  
 predator/prey 116, 201, 225, 357  
 prehistoric 193, 309  
 preservation 102, 268, 382, 402  
 presettlement 8, 167  
 prey 357  
 primate 307  
 processes 174, 217, 297  
 production 26, 55, 126, 222  
 productivity 240, 369, 430  
 propagation 387  
 protection 338  
 protozoa 275  
 public education 368  
 quail 71  
 rabbits 321  
 raccoon 325  
 radio telemetry 305  
 radioisotopes 235  
 radionuclide 321  
 raptorial 174  
 ratio 82  
 rattlesnake 35  
 reclamation 2, 8, 18, 61, 71, 90, 173, 182, 216, 420  
 recovery 52  
 recruitment 329  
 reforestation 2  
 regrowth 317  
 regulation 177, 275  
 relationship 249, 267, 331, 402  
 release 154  
 relic 50, 246  
 reproduction 43, 60, 123, 326, 330, 424  
 reproductive biology 4, 9, 20, 50, 86, 113, 138, 143, 202, 253, 294, 326, 390, 428  
 reptiles 16, 29, 313, 383  
 requirements 139, 231, 387  
 reservoirs 296  
 resources 30, 129, 184, 260, 296, 310, 312, 315, 346  
 restoration 209, 240, 281, 335, 387  
 revegetation 2, 61, 420  
 Rhopalocera 72, 158  
 riparian 98  
 rivers 176, 263, 354  
 rodents 136, 158, 224, 255  
 role 306, 344  
 roosting 211  
 root 216  
 saline 144, 369  
 salmonids 362  
 salt marsh 117, 216  
 salt tolerance 369  
 sampling 149, 200, 245, 340  
 sandy 171  
 savanna 188  
 saxicolous 15, 141  
 seasonal 49  
 secondary metabolism 224, 337  
 secondary succession 94  
 sediments 77, 289  
 seed 20, 28, 418, 424  
 seedlings 20  
 selection 200, 202, 318  
 seral 166  
 sewage plants 275  
 sex 82, 122, 202  
 shape 216  
 shrubs 269  
 sinks 141  
 site index 109  
 site selection 365  
 siting 46  
 sludge 275  
 small mammals 24, 29, 37, 48, 138, 159, 183, 252, 279, 321, 340, 341, 349, 390, 402  
 social 103  
 soil 42, 171, 191, 215, 232, 317, 319, 418, 420  
 solid 346  
 song 341  
 South American 252  
 spatial 30, 49  
 specializations 33  
 speciation 50, 78  
 spring 149, 299, 390  
 squirrels 278  
 Staphylinidae 231  
 statistics 225, 345, 433  
 stomatal 423  
 strategies 9, 103, 136, 200, 360  
 streams 5, 11, 89, 152, 176, 210, 240, 262, 271, 299, 343, 346, 434  
 structure 350  
 substances 186  
 subtropical 334  
 succession 61, 90, 94, 109, 174, 317, 331  
 surface mine 8, 18, 52, 59, 61, 71, 173, 182, 363  
 surveys 34, 36, 61, 175, 274, 279, 295  
 survivorship 20, 60  
 swamps 334  
 swifts 412  
 symbiosis 112, 392, 404, 421  
 synecology 140  
 systematics 53  
 systems 11, 55, 103, 127, 235, 310, 318  
 tadpoles 177  
 tallgrass prairie 92, 350, 435  
 taxonomy 312  
 technologies 349  
 telemetry 305  
 temperate 318  
 temperature 222  
 temporal 30, 49  
 terns 148  
 terrestrial 42, 62, 226, 260, 292, 334, 347  
 theory 79, 81, 202, 251, 292  
 thermal 66, 126, 386  
 thermoregulation 146  
 threatened 41, 411  
 timberline 15  
 toxicity 34, 262  
 toxicology 10, 19, 127, 217, 223, 224, 346, 354  
 trace metals 430  
 Tradescantia 235  
 transportation 321  
 treatment 233  
 trees 14, 18, 190, 216, 269, 404  
 trematodes 265  
 Tribolium 251  
 trophic 26, 329  
 tropical 115, 267, 274, 310, 318

tropical ecology 86, 184, 344  
tropical forest 51, 108, 250, 382  
turtles 368  
unicellular 421  
upland forests 350  
upland game 94, 401  
urban 114, 133, 189, 368  
utilization 337, 346  
values 327  
variation 30, 432  
vascular plants 141, 294, 341, 373  
vegetation 8, 36, 61, 93, 120, 133, 233, 237, 290, 331, 336, 435  
vehicles 341  
vertebrates 116, 178, 368, 411, 412  
vireos 36  
warmwater 210  
waste 346, 365  
waste management 249, 392  
wastewater 42  
water 77, 184, 296  
water bodies 58  
water quality 45, 127, 216, 300, 363  
watershed 32, 152  
weeds 125, 149, 208, 289, 434  
wetlands 51, 98, 148, 188, 291, 327, 335, 343, 389  
wild 402  
wildlife 94, 132, 133, 143, 187, 260, 349, 401, 410  
wildlife ecology 114, 285, 402  
wildlife management 94, 164, 257, 333, 368  
wind 20  
woodland 136, 370, 390  
xenarthrans 267  
xenobiotics 19, 62  
Zizania 122  
zonation 329  
zoogeography 252  
zoological 288

# Directory of Illinois Systematists, Ecologists, and Field Biologists

Note: Please submit this form only if you are a systematist, ecologist, or field biologist residing in Illinois or having experience with Illinois biota.

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1. Name: \_\_\_\_\_  
 (Last) \_\_\_\_\_ (First) \_\_\_\_\_ (Middle Initial) \_\_\_\_\_

Title:  Dr.  Mrs.  Miss  Ms.  Mr.

Address: Institution \_\_\_\_\_

Department or subunit \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_

State & Zip Code \_\_\_\_\_

Phone: Area Code (\_\_\_\_\_) Number \_\_\_\_\_ (Extension) \_\_\_\_\_

Position Title: \_\_\_\_\_

What year did you join your organization? \_\_\_\_\_

Degrees (highest first; graduate students, please give expected degree):

\_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_  
 \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_  
 \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_  
 \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_  
 \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_  
 \_\_\_\_\_      \_\_\_\_\_      \_\_\_\_\_

(Degree)      (Institution)      (State)      (Year)

2. Approximately what percentage of your time do you devote to:

_____	Research	_____	Teaching	_____	Administration	_____	Service
_____	Curatorial	_____	Resource	_____	Taking	_____	
_____	Consulting	_____	Activities	_____	Management	_____	Courses
_____		_____		_____		_____	Other

Do you consider yourself principally (check one):

<input type="checkbox"/> (1) A practicing professional	<input type="checkbox"/> (4) Retired, inactive
<input type="checkbox"/> (2) Inactive in research due to other activities	<input type="checkbox"/> (5) An amateur biologist
<input type="checkbox"/> (3) Retired, but still active in research	<input type="checkbox"/> (6) A student

Do you consider yourself principally (check one):

<input type="checkbox"/> (7) A systematist	<input type="checkbox"/> (9) A field biologist
<input type="checkbox"/> (8) An ecologist	<input type="checkbox"/> (10) Other _____

3. Please list the specific counties or regions of Illinois in which your research is concentrated; also list other states, countries, or specific geographic areas in which you do research or have extensive field experience. (Limit of 200 typewritten characters.)

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4. If you have done field work in Illinois, please indicate the community or habitat types of Illinois with which you have had extensive experience.

*FOREST*

- (1) Upland Forest
- (2) Sand Forest
- (3) Floodplain Forest
- (4) Flatwoods
- (5) Thicket
- (6) Plantation

*PRAIRIE*

- (7) Tallgrass Prairie
- (8) Sand Prairie
- (9) Gravel Prairie
- (10) Dolomite Prairie
- (11) Hill Prairie
- (12) Shrub Prairie
- (13) Restored/Artificial Prairie

*SAVANNA*

- (14) Typical Savanna
- (15) Sand Savanna
- (16) Barren

(38) *OTHER:*

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*WETLANDS*

- (17) Marsh
- (18) Swamp
- (19) Bog
- (20) Fen
- (21) Sedge Meadow
- (22) Panne
- (23) Seep or Spring
- (24) Stream
- (25) River
- (26) Pond
- (27) Lake
- (28) Artificial Impoundment

*PRIMARY*

- (29) Glade
- (30) Bluff or Cliff
- (31) Cave
- (32) Dune or Bar

*CULTURAL*

- (33) Cultivated Field
- (34) Pasture
- (35) Successional Field
- (36) Mine Spoils
- (37) Developed Land  
(urban/suburban/industrial)

## 5. With what groups of organisms do you work?

a. General categories:

<input type="checkbox"/> (39) Flowering Plants	<input type="checkbox"/> (50) Reptiles and Amphibians
<input type="checkbox"/> (40) Gymnosperms	<input type="checkbox"/> (51) Fishes
<input type="checkbox"/> (41) Ferns and Fern Allies	<input type="checkbox"/> (52) Insects
<input type="checkbox"/> (42) Bryophytes	<input type="checkbox"/> (53) Crustaceans
<input type="checkbox"/> (43) Fungi	<input type="checkbox"/> (54) Arachnids
<input type="checkbox"/> (44) Lichens	<input type="checkbox"/> (55) Mollusks
<input type="checkbox"/> (45) Algae	<input type="checkbox"/> (56) Worms
<input type="checkbox"/> (46) Bacteria	<input type="checkbox"/> (57) Coelenterates
<input type="checkbox"/> (47) Mammals	<input type="checkbox"/> (58) Protozoans
<input type="checkbox"/> (48) Birds	<input type="checkbox"/> (59) Other _____
<input type="checkbox"/> (49) Endangered and Threatened Species	

b. What specific orders, families, genera, or other taxa are your TAXONOMIC specialty?  
(Limit of 200 typewritten characters.)

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c. What particular species, genera, or other taxa do you study as the subjects of your ECOLOGICAL research?  
(Limit of 200 typewritten characters.)

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## 6. Regarding your SYSTEMATIC research only:

What systematic approaches and methodologies do you utilize?

<input type="checkbox"/> (60) Anatomy/Histology/Ultrastructure	<input type="checkbox"/> (69) Gross Morphology
<input type="checkbox"/> (61) Biogeography	<input type="checkbox"/> (70) Nomenclature
<input type="checkbox"/> (62) Chromatography/Electrophoresis	<input type="checkbox"/> (71) Palynology
<input type="checkbox"/> (63) Cladistics	<input type="checkbox"/> (72) Phenetics/Numerical Taxonomy
<input type="checkbox"/> (64) Cytology/Chromosomes	<input type="checkbox"/> (73) Physiology
<input type="checkbox"/> (65) Ecology/Behavior	<input type="checkbox"/> (74) Reproductive Biology
<input type="checkbox"/> (66) Embryology	<input type="checkbox"/> (75) Revision/Monographs
<input type="checkbox"/> (67) Floristics/Faunistics	<input type="checkbox"/> (76) Serology
<input type="checkbox"/> (68) Genetics/Breeding	<input type="checkbox"/> (77) Other _____

7. Regarding your ECOLOGICAL research only:

a. Please check the items below that apply to your ecological studies.

*SYSTEM*

(78) Terrestrial  
 (79) Freshwater  
 (80) Marine

*HABITAT STATUS*

(81) Natural  
 (82) Man-disturbed  
 (83) Artificial  
 (84) Managed

*LEVEL*

(85) Individual  
 (86) Population  
 (87) Community  
 (88) Ecosystem  
 (89) Landscape  
 (90) Biosphere

*APPROACH*

(91) Basic  
 (92) Applied  
 (93) Sample Surveys  
 (94) Cultivation/Husbandry  
 (95) Experimentation

(96) Behavioral Ecology  
 (97) Commun. Descrip./Floristics/Faunistics  
 (98) Community Classification/Ordination  
 (99) Competition  
 (100) Demography/Life History  
 (101) Ecological Genetics  
 (102) Energetics/Energy Budgets  
 (103) Environmental Impact Assessment  
 (104) Evolution  
 (105) Field Census  
 (106) Herbivory  
 (107) Human Ecology  
 (108) Models  
 (109) Nutrient Cycling  
 (110) Nutrition  
 (111) Physiological Ecology  
 (112) Plant/Soil Relations  
 (113) Pollination Biology  
 (114) Reclamation  
 (115) Resource Management  
 (116) Seed Biology  
 (117) Spatial Pattern Analysis/Mapping  
 (118) Succession  
 (119) Toxicology  
 (120) Weeds/Invasion Biology  
 (121) Other \_\_\_\_\_

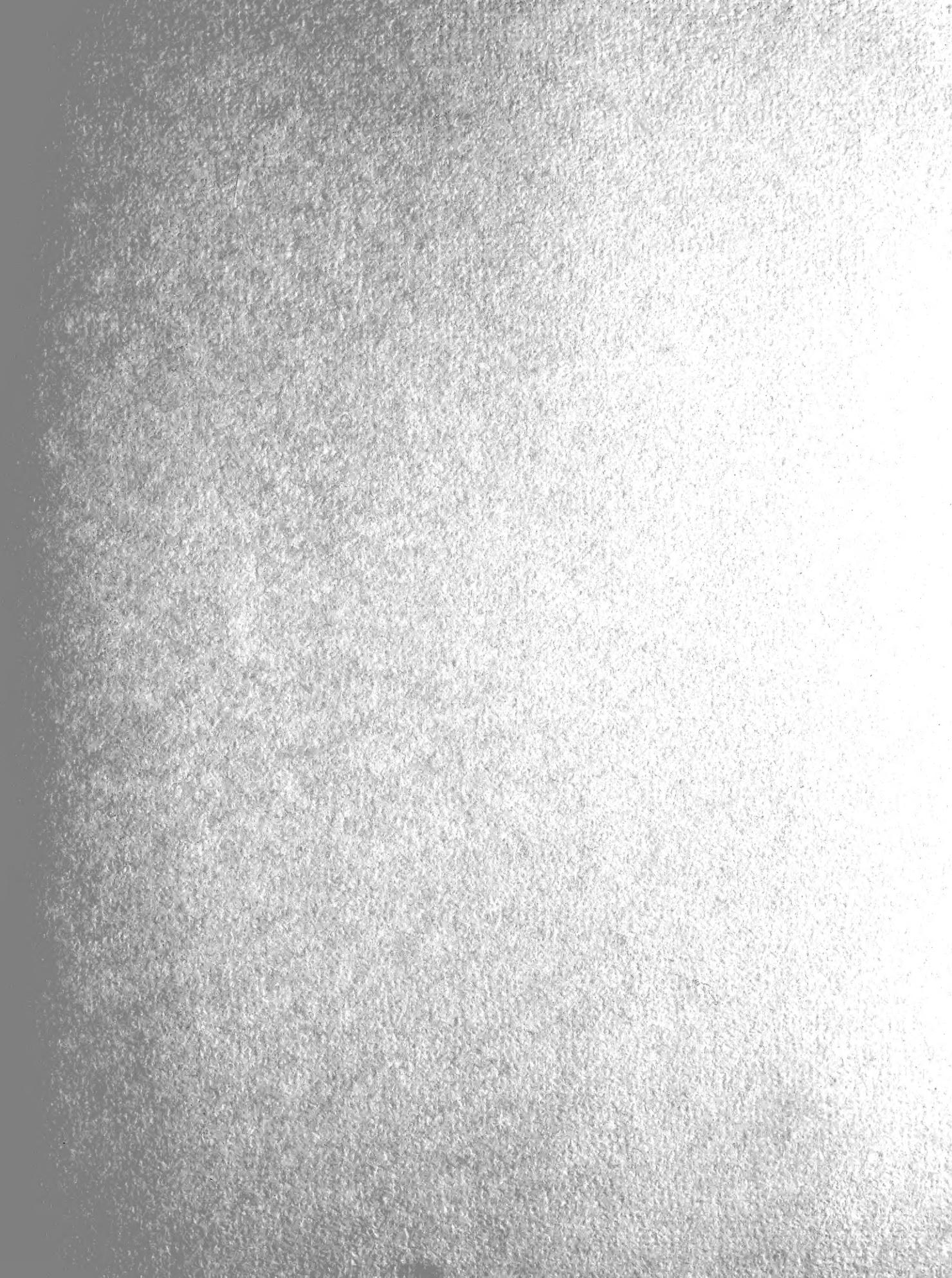
b. In what specific areas of ecology do you have expertise? (Limit of 200 typewritten characters.)

8. Please send a list of your publications, if possible. List Enclosed?  Yes  No  None

9. Return form to:

Kenneth R. Robertson  
 Illinois Natural History Survey  
 607 East Peabody Drive  
 Champaign, IL 61820

**Many thanks for your cooperation!** — All people who fill out and return this questionnaire will automatically receive a copy of the updated directory.



UNIVERSITY OF ILLINOIS-URBANA



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